

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060519\
 Data File : BE099806.D
 Acq On : 5 Jun 2019 16:08
 Operator : JU/SJ
 Sample : PB120314BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120314BS

Manual Integrations
 APPROVED

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 6/6/2019 3:43:03 PM

Quant Time: Jun 06 01:42:22 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 05 14:35:58 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1565	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	4928	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	3137	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	9525	0.40	ng	0.00
27) Chrysene-d12	21.41	240	18692	0.40	ng	0.00
34) Perylene-d12	23.94	264	22418	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.38	112	1177	0.31	ng	0.01
5) Phenol-d6	6.97	99	1539	0.31	ng	0.00
8) Nitrobenzene-d5	8.96	82	1443	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	3790	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	443	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	4109	0.35	ng	0.00
25) Fluoranthene-d10	19.26	212	48278	0.34	ng	0.00
29) Terphenyl-d14	19.86	244	10597	0.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	762	0.336	ng	# 62
3) n-Nitrosodimethylamine	3.61	42	445	0.370	ng	# 1
6) bis(2-Chloroethyl)ether	7.23	93	1461	0.340	ng	97
9) Naphthalene	10.65	128	19091	0.363	ng	99
10) Hexachlorobutadiene	10.93	225	1465	0.366	ng	97
12) 2-Methylnaphthalene	12.28	142	2861	0.341	ng	99
16) Acenaphthylene	14.20	152	5184	0.342	ng	97
17) Acenaphthene	14.54	154	2849	0.344	ng	100
18) Fluorene	15.52	166	4136	0.339	ng	97
20) 4-Bromophenyl-phenylether	16.41	248	1860	0.350	ng	100
21) Hexachlorobenzene	16.52	284	1955	0.336	ng	96
22) Pentachlorophenol	16.95	266	190m	0.379	ng	
23) Phenanthrene	17.27	178	7791	0.343	ng	100
24) Anthracene	17.36	178	6504	0.317	ng	99
26) Fluoranthene	19.29	202	14357	0.360	ng	100
28) Pyrene	19.65	202	15082	0.334	ng	100
30) Benzo(a)anthracene	21.39	228	21222	0.411	ng	99
31) Chrysene	21.45	228	21212	0.372	ng	98
32) Bis(2-ethylhexyl)phthalate	21.31	149	19564	0.330	ng	99
33) Indeno(1,2,3-cd)pyrene	26.63	276	27464	0.402	ng	99
35) Benzo(b)fluoranthene	23.16	252	23174	0.373	ng	99
36) Benzo(k)fluoranthene	23.21	252	25416	0.386	ng	98
37) Benzo(a)pyrene	23.83	252	23212	0.386	ng	# 97
38) Dibenzo(a,h)anthracene	26.66	278	22506	0.368	ng	99
39) Benzo(g,h,i)perylene	27.45	276	23749	0.369	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

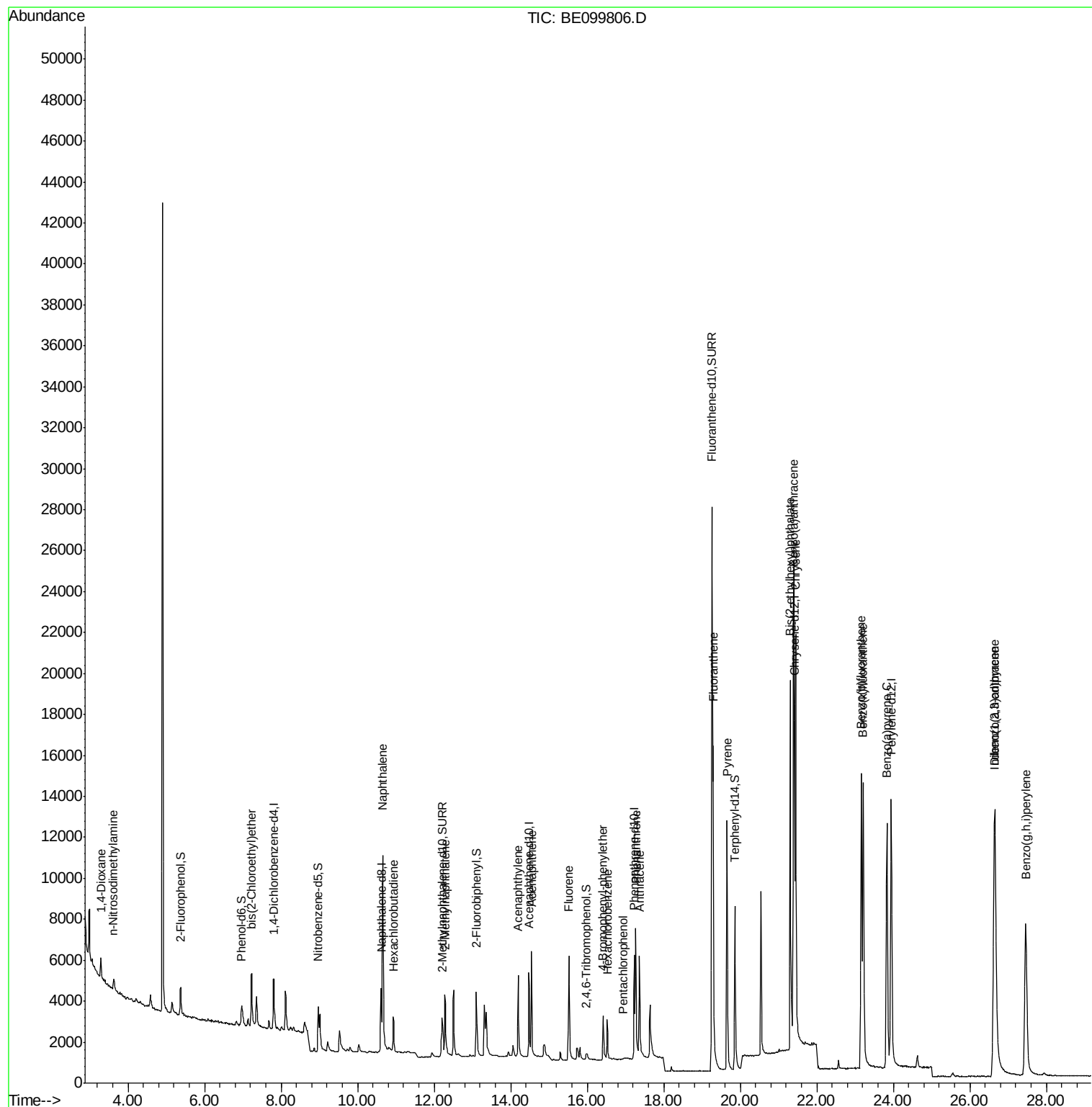
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060519\
Data File : BE099806.D
Acq On : 5 Jun 2019 16:08
Operator : JU/SJ
Sample : PB120314BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

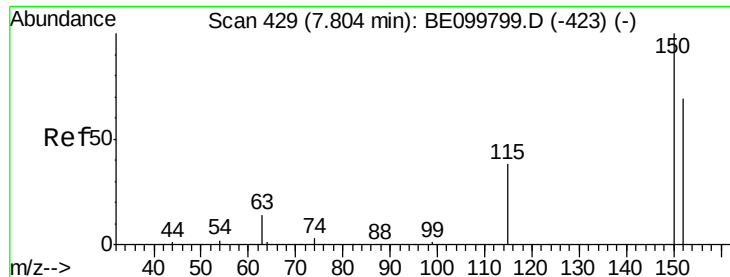
Instrument :
BNA_E
ClientSampleId :
PB120314BS

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Quant Time: Jun 06 01:42:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 05 14:35:58 2019
Response via : Initial Calibration





#1

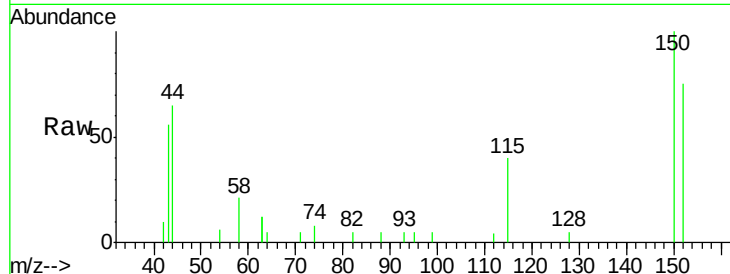
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE099806.D
Acq: 5 Jun 2019 16:08

Instrument :
BNA_E
ClientSampled :
PB120314BS

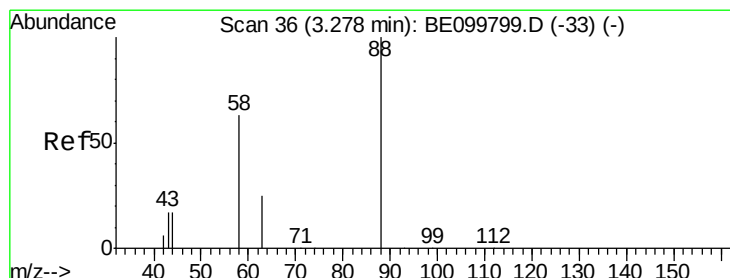
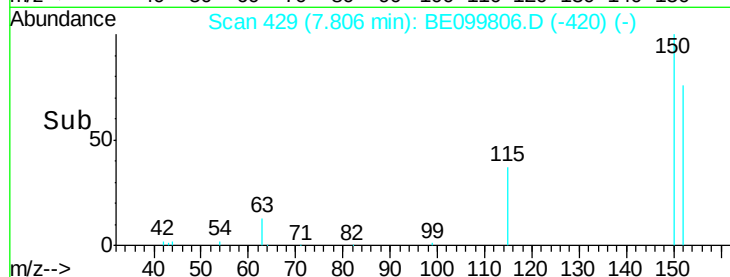
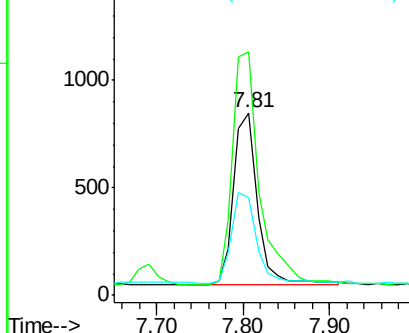
Tot Ion	Ratio	Lower	Upper
152	100		
150	133.6	112.8	169.2
115	53.3	47.6	71.4

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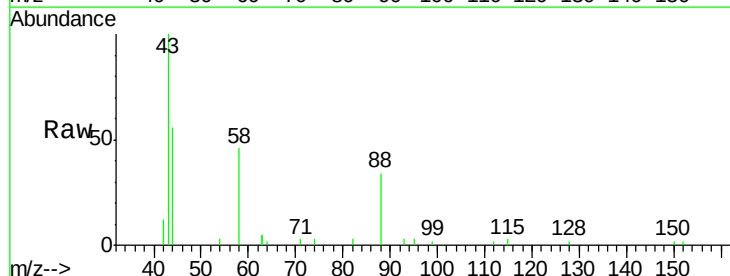
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



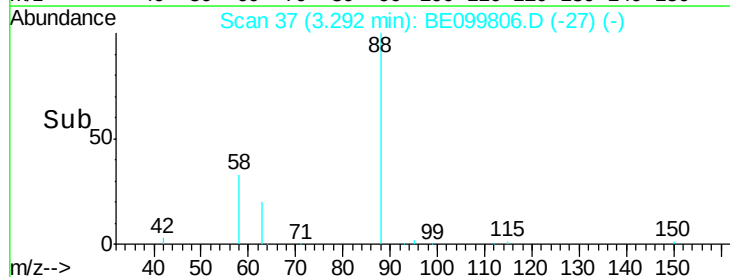
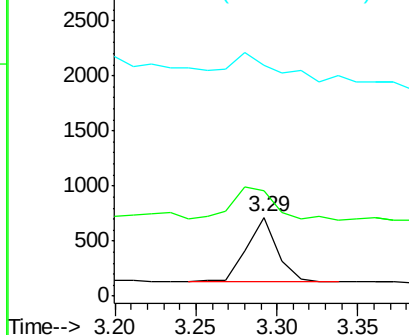
#2

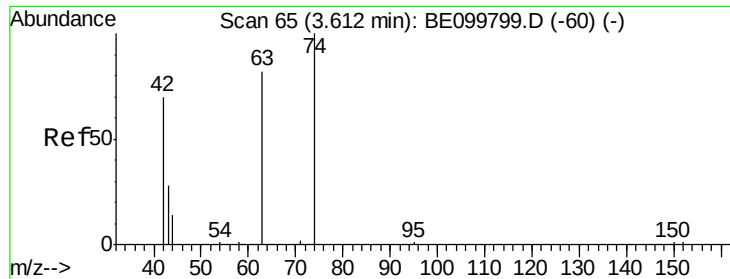
1,4-Dioxane
Concen: 0.336 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.01 min
Lab File: BE099806.D
Acq: 5 Jun 2019 16:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.0	47.3	70.9#
43	65.0	18.2	27.4#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.370 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

Instrument :

BNA_E

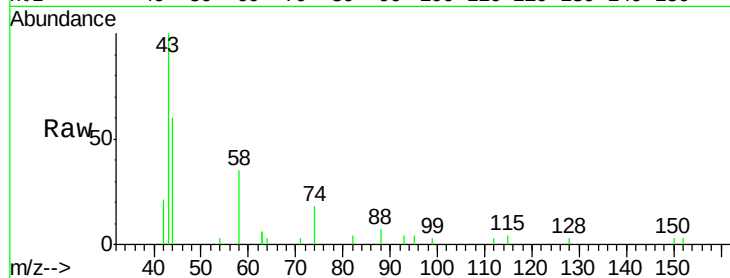
ClientSampleId :

PB120314BS

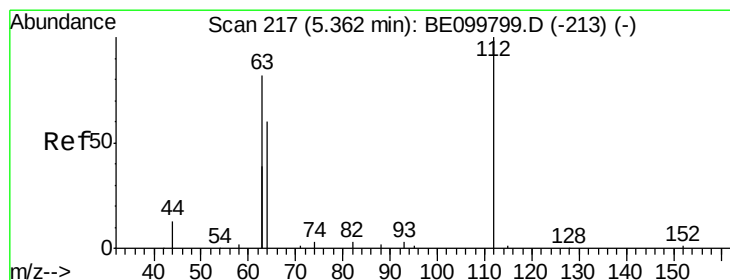
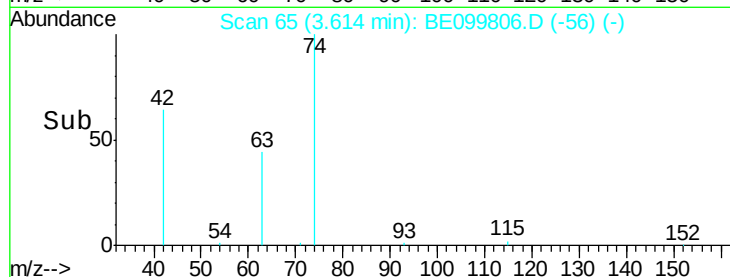
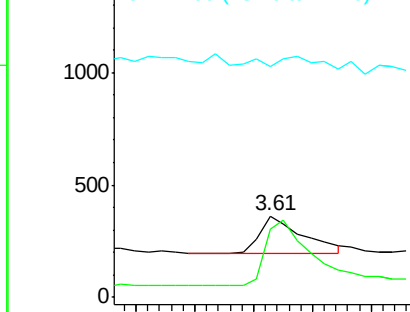
Tot Ion:	42	Resp:	445
Ion	Ratio	Lower	Upper
42	100		
74	0.0	132.6	198.8#
44	5.2	13.4	20.0#

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Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.309 ng

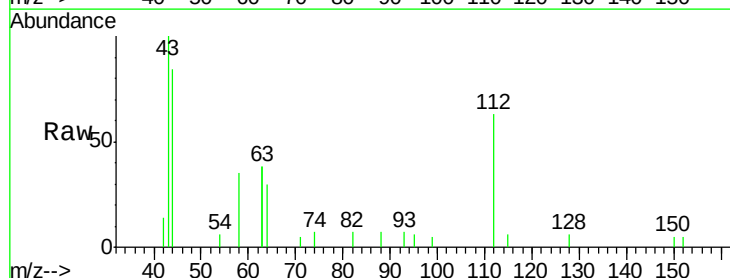
RT: 5.38 min Scan# 218

Delta R.T. 0.01 min

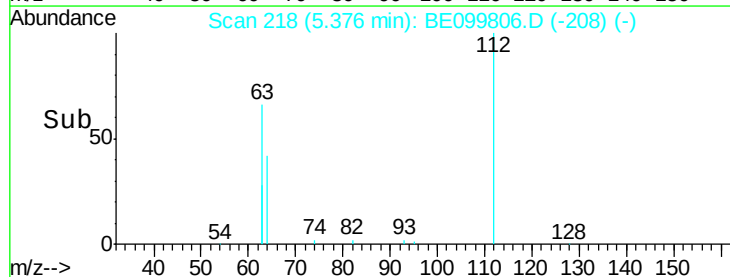
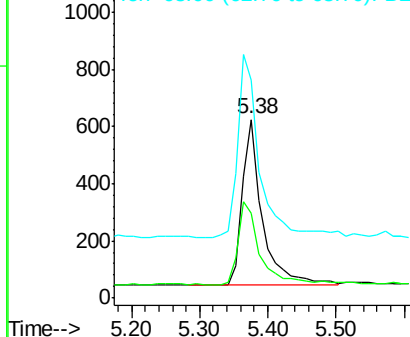
Lab File: BE099806.D

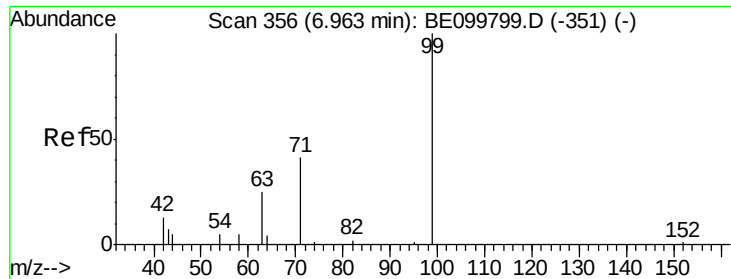
Acq: 5 Jun 2019 16:08

Tgt Ion:	112	Resp:	1177
Ion	Ratio	Lower	Upper
112	100		
64	54.2	47.2	70.8
63	119.9	90.7	136.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.314 ng

RT: 6.97 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

Instrument :

BNA_E

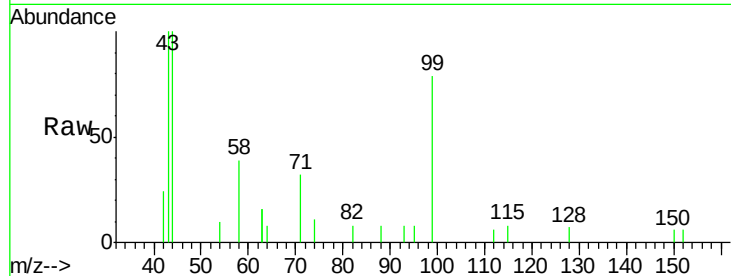
ClientSampleId :

PB120314BS

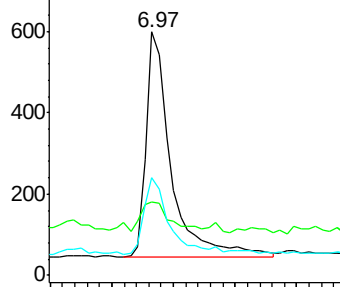
Tot Ion:	99	Resp:	1539
Ion	Ratio	Lower	Upper
99	100		
42	15.5	11.0	16.4
71	34.7	26.1	39.1

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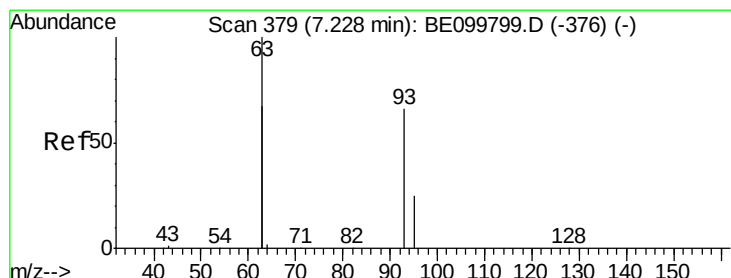
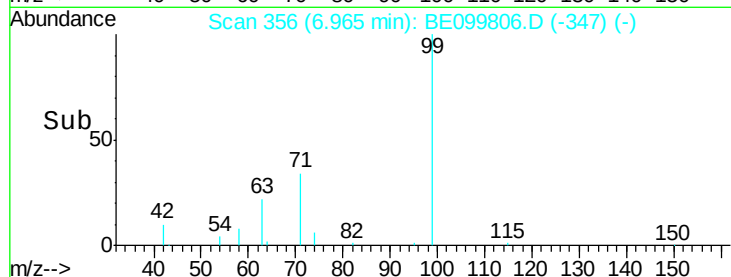
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Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.80 6.90 7.00 7.10 7.20



#6

bis(2-Chloroethyl)ether

Concen: 0.340 ng

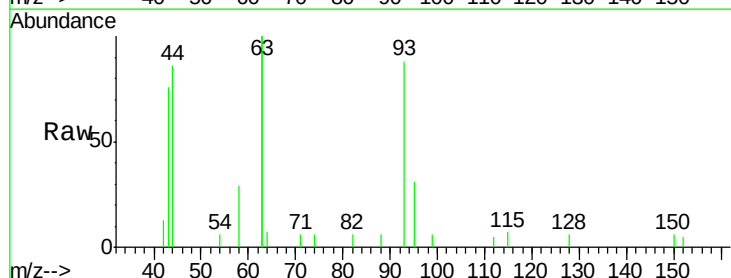
RT: 7.23 min Scan# 379

Delta R.T. 0.00 min

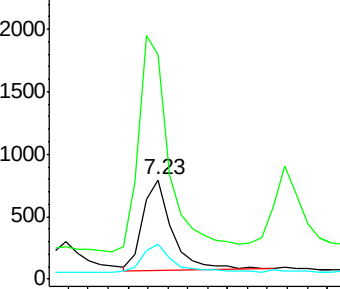
Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

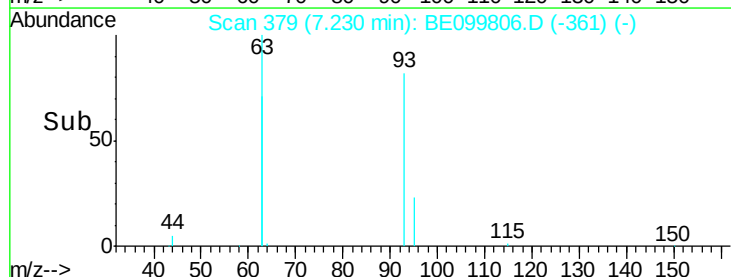
Tgt Ion:	93	Resp:	1461
Ion	Ratio	Lower	Upper
93	100		
63	254.9	208.8	313.2
95	33.5	27.6	41.4

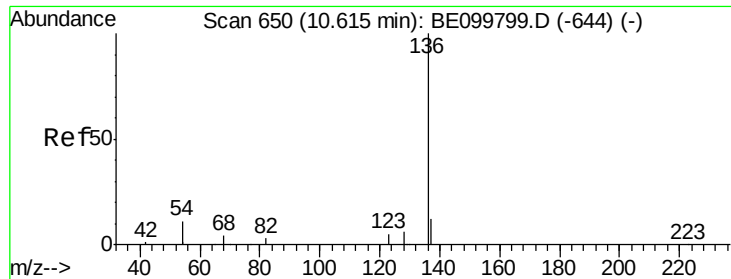


Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0



Time--> 7.20 7.30





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

Instrument :

BNA_E

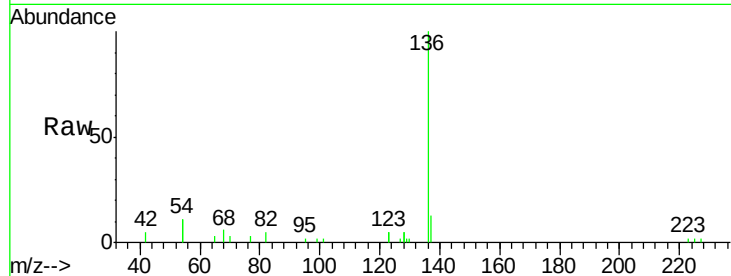
ClientSampleId :

PB120314BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	13.2	11.1	16.7
54	22.8	17.9	26.9
68	6.4	5.4	8.0

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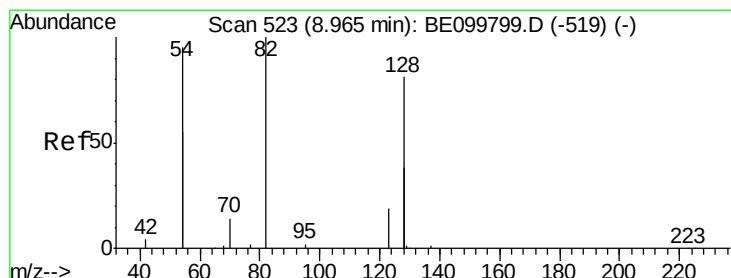
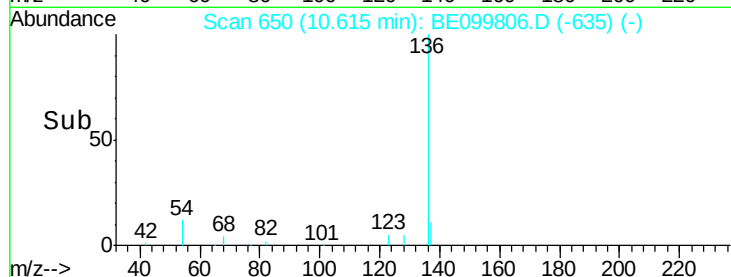
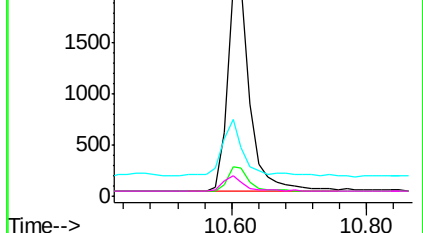


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.333 ng

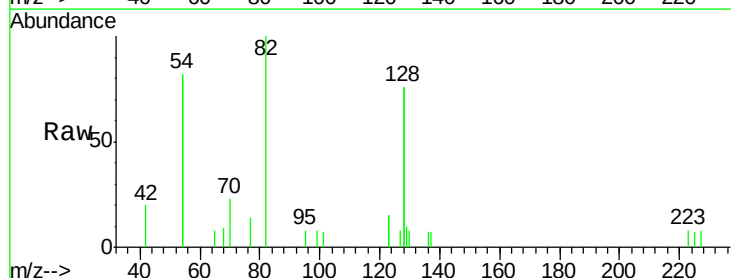
RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

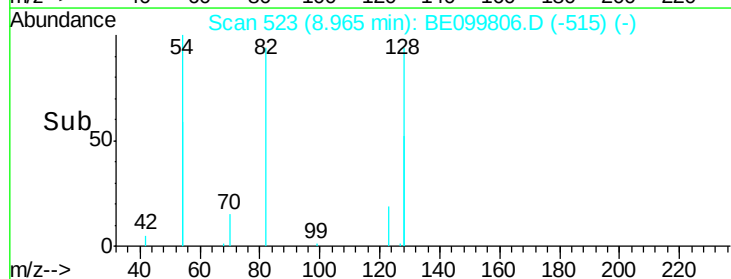
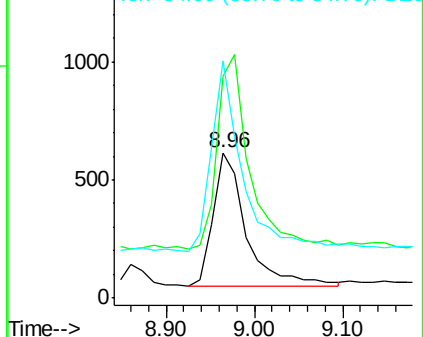
Tgt Ion	Ratio	Lower	Upper
82	100		
128	152.8	116.6	175.0
54	163.3	136.2	204.4

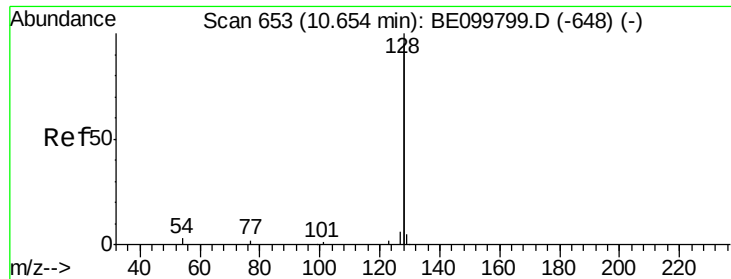


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.363 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

Instrument :

BNA_E

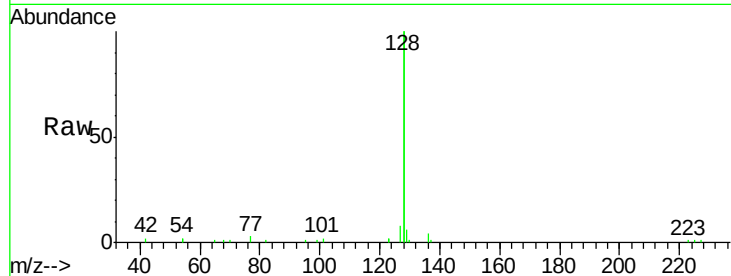
ClientSampleId :

PB120314BS

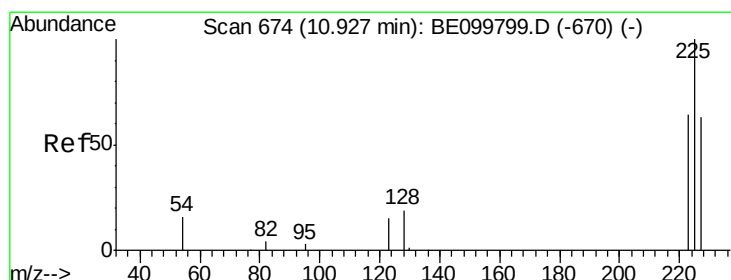
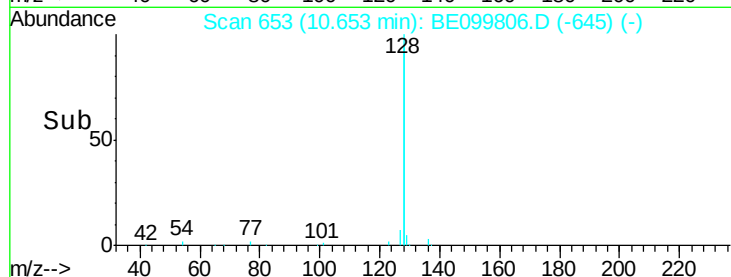
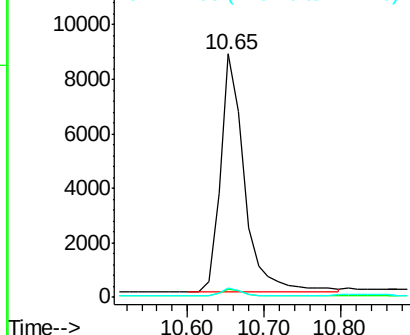
Tot Ion:	128	Resp:	19091
Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	4.0
127	4.0	3.0	4.6

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.366 ng

RT: 10.93 min Scan# 674

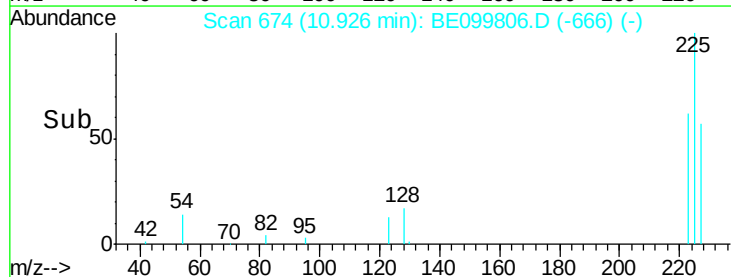
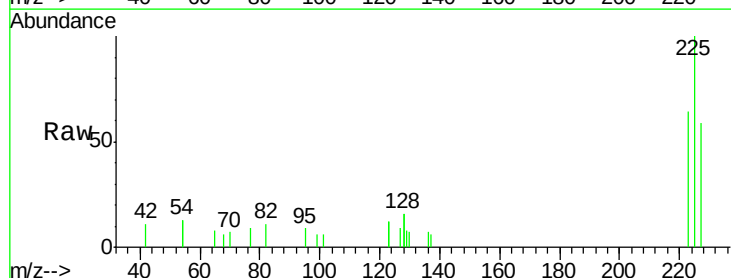
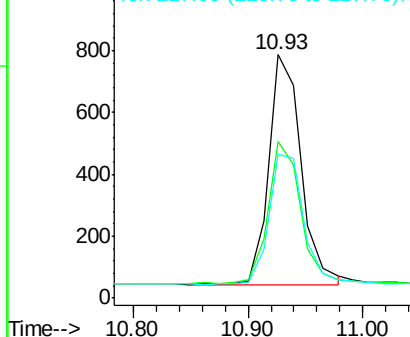
Delta R.T. -0.00 min

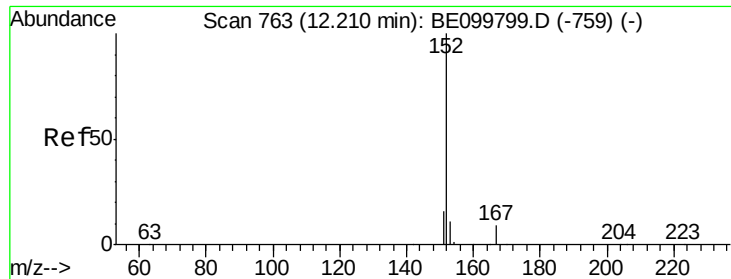
Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

Tgt Ion:	225	Resp:	1465
Ion	Ratio	Lower	Upper
225	100		
223	61.4	48.6	72.8
227	60.3	51.6	77.4

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





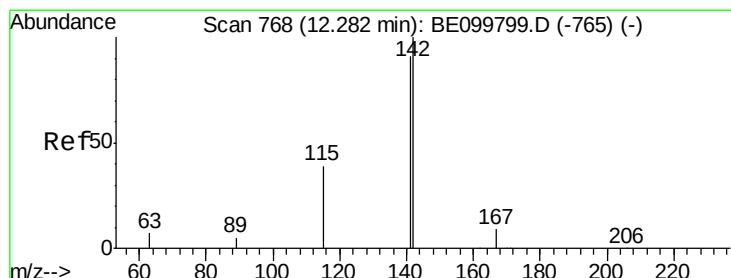
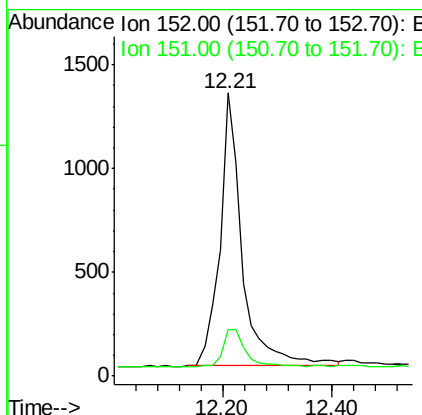
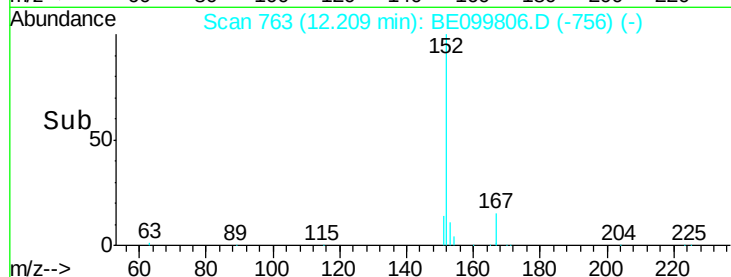
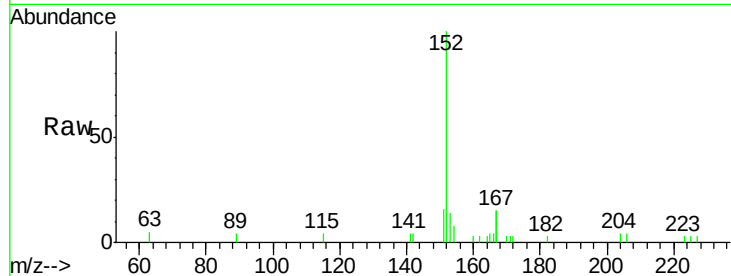
#11
2-Methylnaphthalene-d10
Concen: 0.448 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE099806.D
Acq: 5 Jun 2019 16:08

Instrument :
BNA_E
ClientSampleId :
PB120314BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	13.4	15.8	23.8#

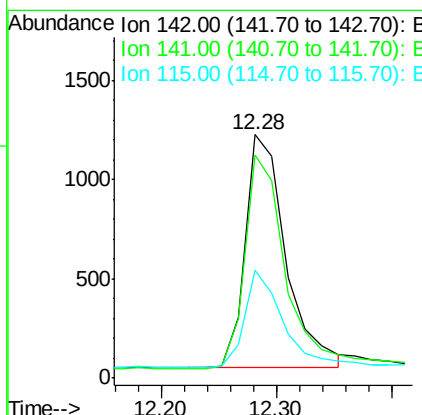
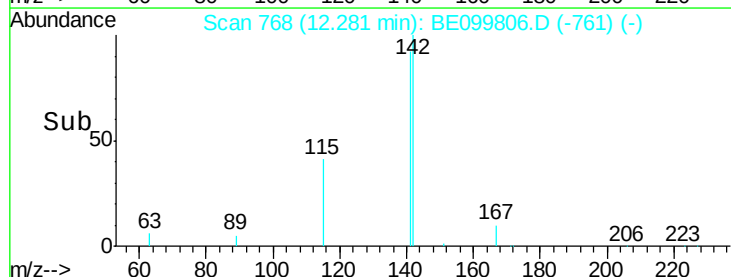
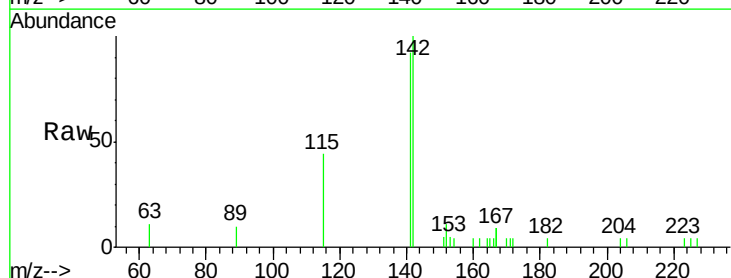
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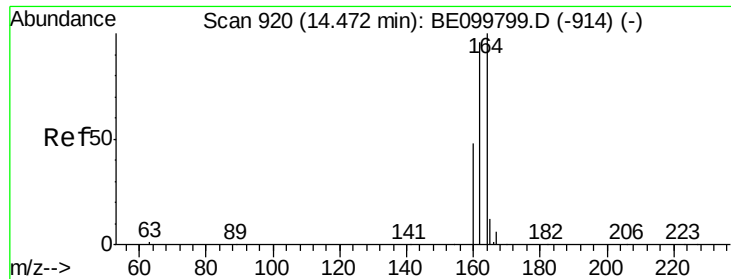
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#12
2-Methylnaphthalene
Concen: 0.341 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE099806.D
Acq: 5 Jun 2019 16:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.3	109.9
115	44.2	33.4	50.2





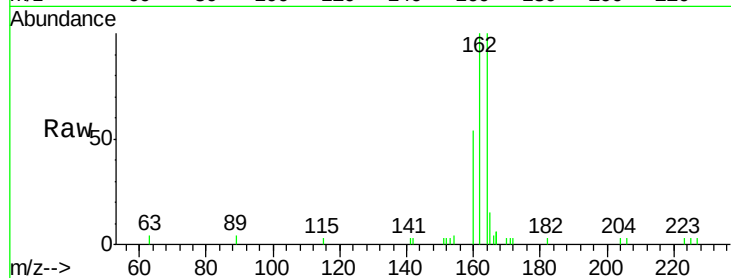
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE099806.D
Acq: 5 Jun 2019 16:08

Instrument :
BNA_E
ClientSampleId :
PB120314BS

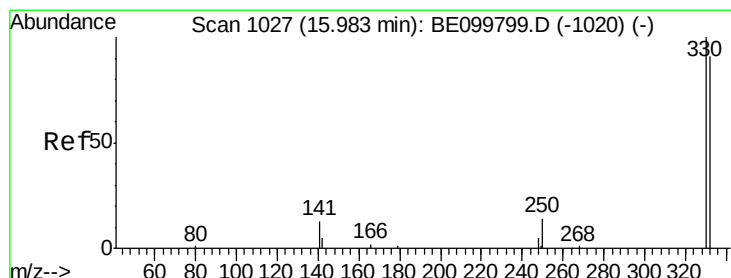
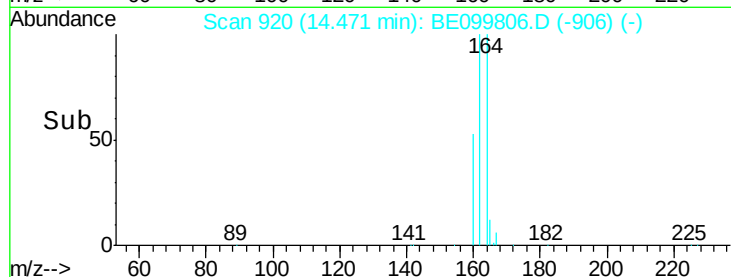
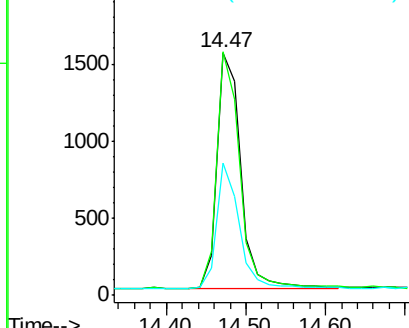
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	77.2	115.8
160	54.6	39.4	59.2

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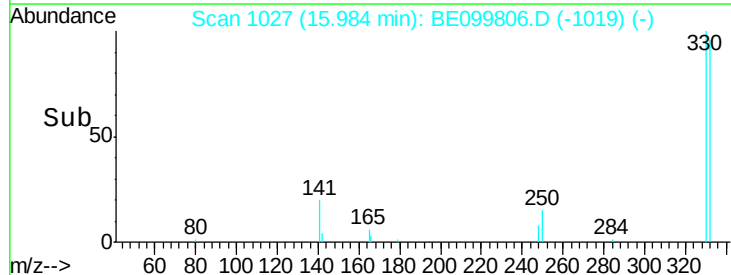
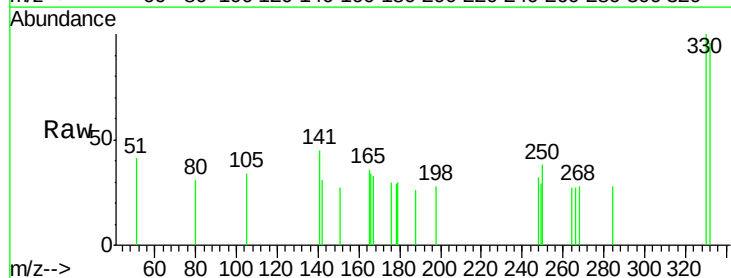
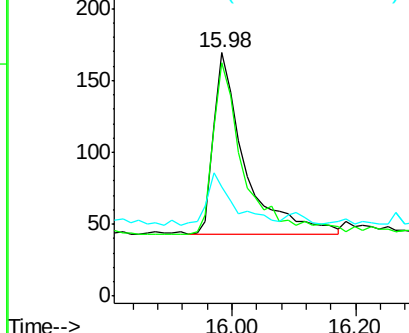
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

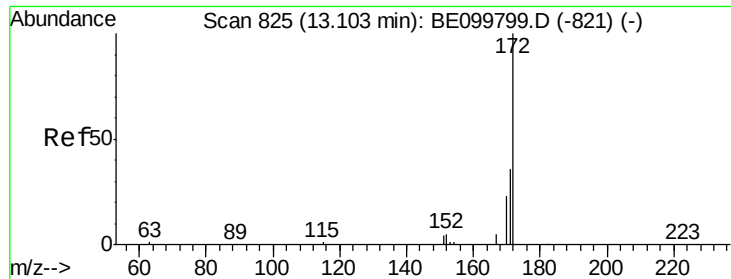


#14
2,4,6-Tribromophenol
Concen: 0.322 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099806.D
Acq: 5 Jun 2019 16:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.7	74.9	112.3
141	25.3	16.0	24.0#

Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





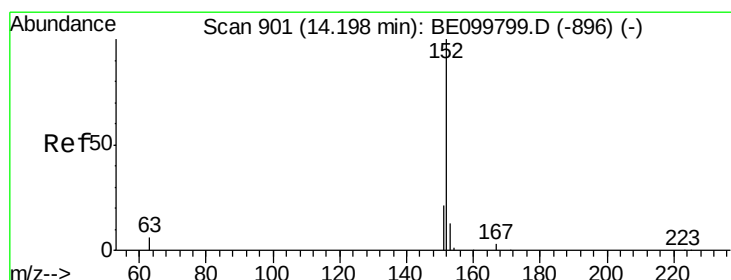
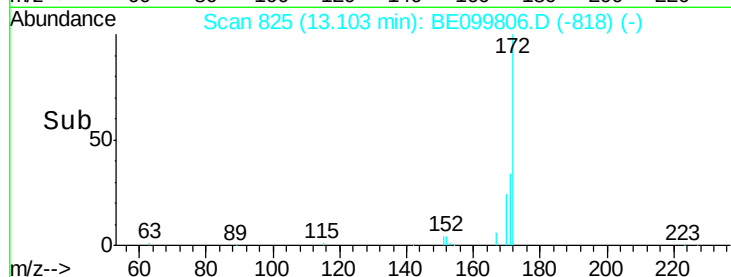
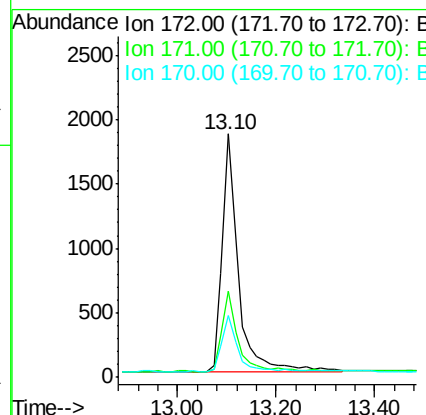
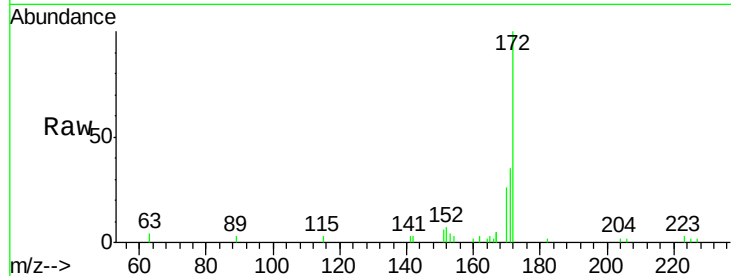
#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099806.D
Acq: 5 Jun 2019 16:08

Instrument :
BNA_E
ClientSampleId :
PB120314BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.2	45.4
170	25.6	20.1	30.1

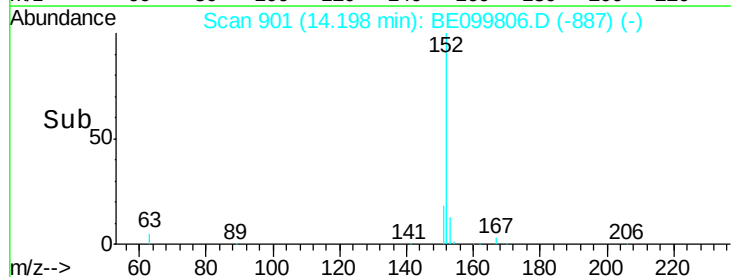
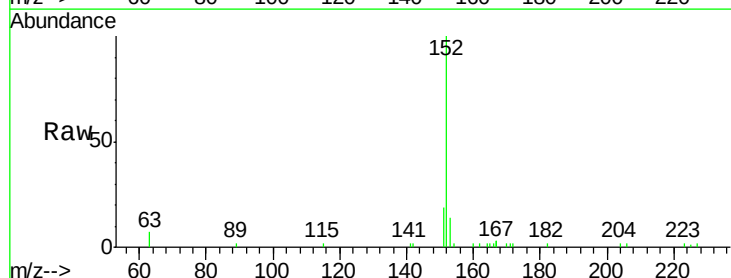
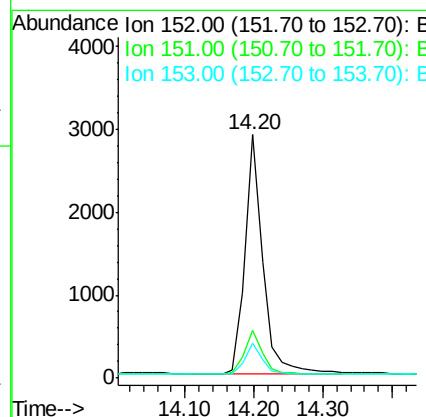
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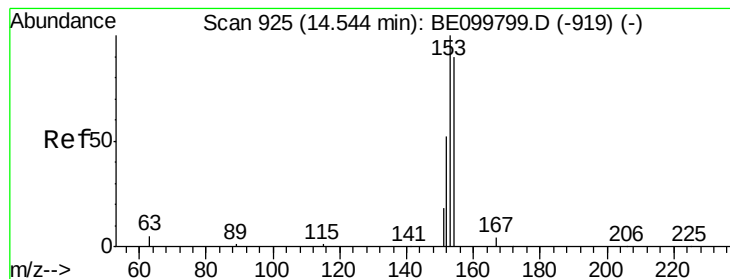
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#16
Acenaphthylene
Concen: 0.342 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099806.D
Acq: 5 Jun 2019 16:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.9	23.9
153	12.4	10.8	16.2





#17

Acenaphthene

Concen: 0.344 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

Instrument :

BNA_E

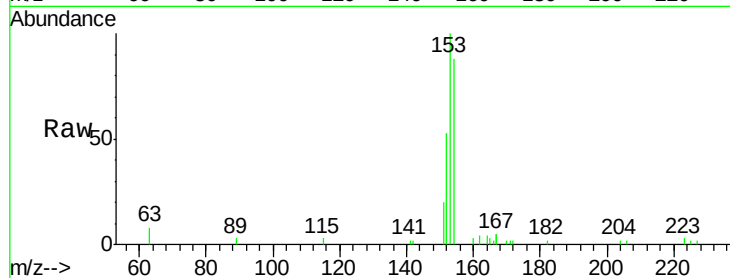
ClientSampled :

PB120314BS

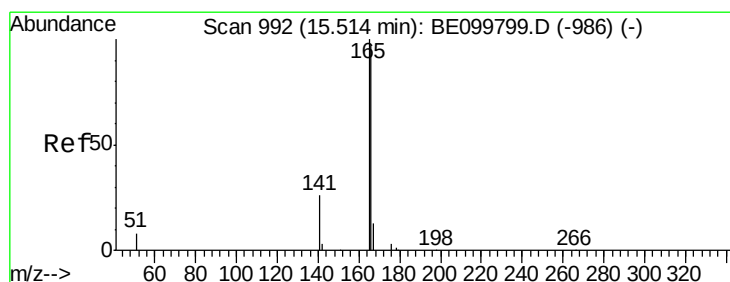
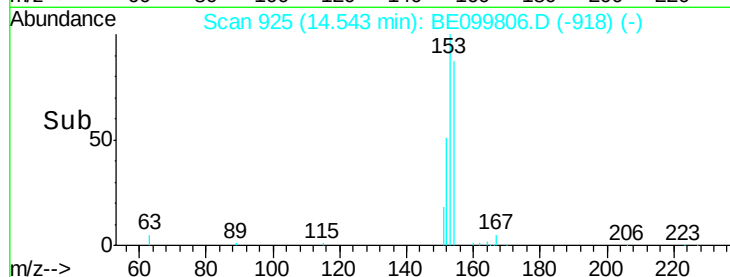
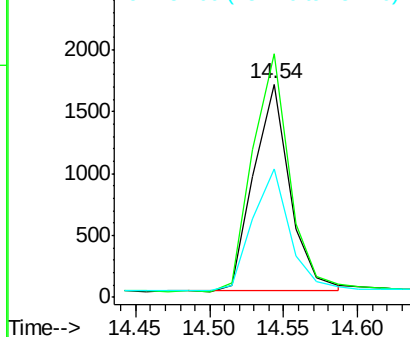
Tot Ion:	154	Resp:	2849
Ion Ratio	Lower	Upper	
154	100		
153	117.7	93.8	140.6
152	60.0	48.3	72.5

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.339 ng

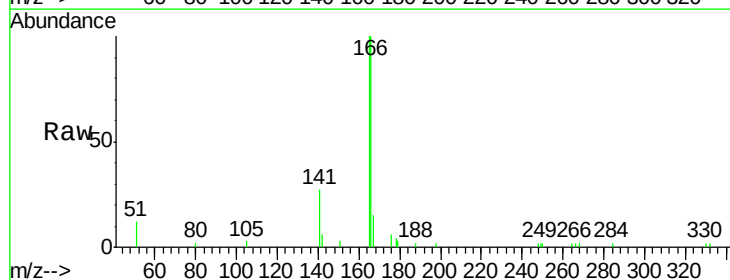
RT: 15.52 min Scan# 992

Delta R.T. 0.00 min

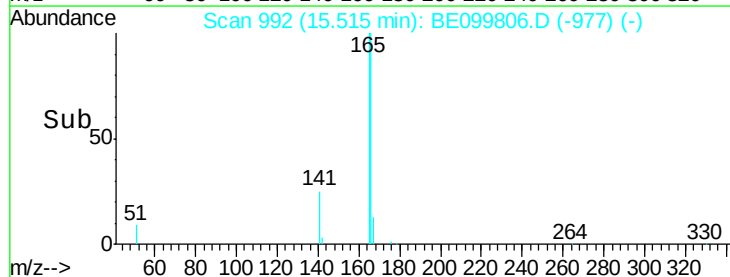
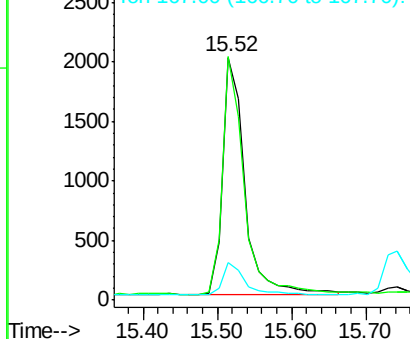
Lab File: BE099806.D

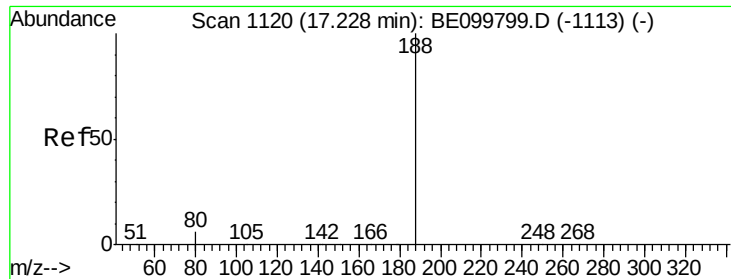
Acq: 5 Jun 2019 16:08

Tgt Ion:	166	Resp:	4136
Ion Ratio	Lower	Upper	
166	100		
165	97.3	80.4	120.6
167	13.4	10.7	16.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





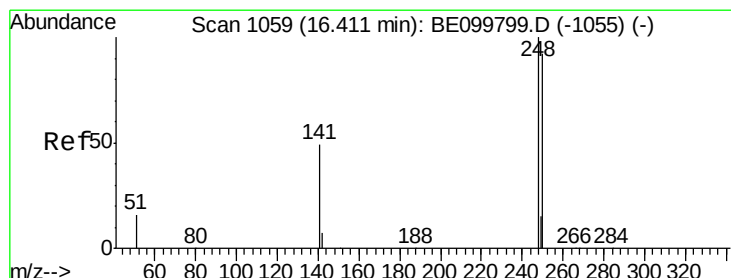
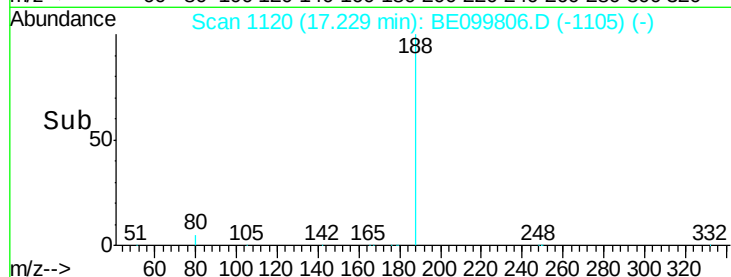
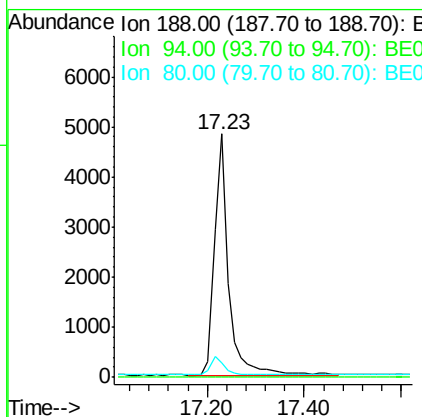
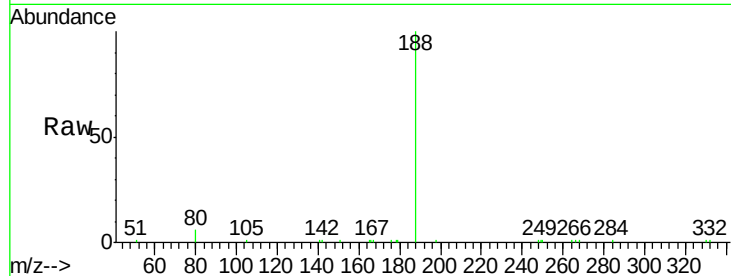
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099806.D
Acq: 5 Jun 2019 16:08

Instrument :
BNA_E
ClientSampleId :
PB120314BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	9525		
94	0.0	0.0	0.0	0.0
80	5.8	5.2	7.8	

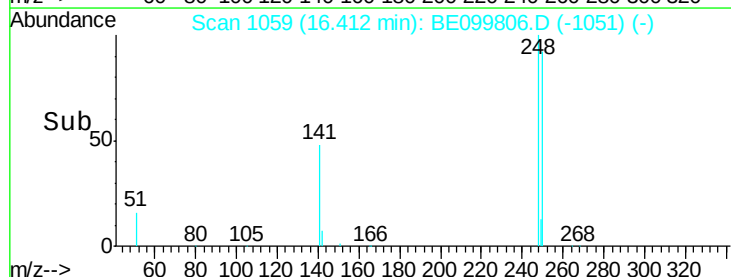
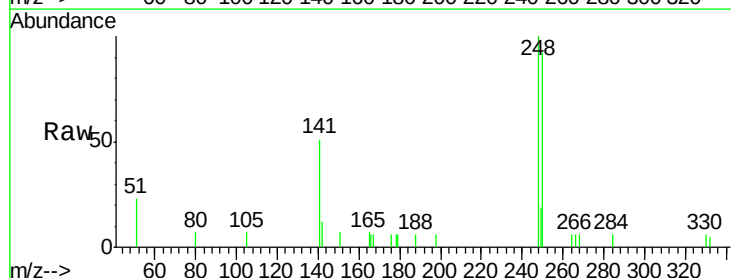
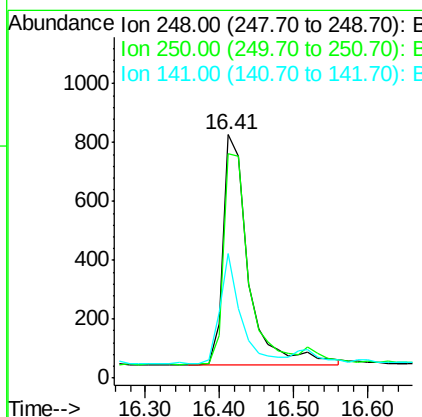
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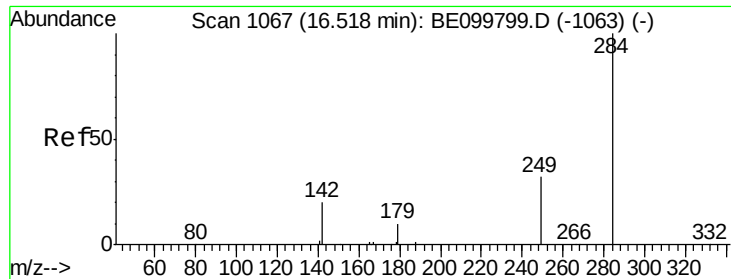
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#20
4-Bromophenyl-phenylether
Concen: 0.350 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE099806.D
Acq: 5 Jun 2019 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	1860		
250	92.4	73.7	110.5	
141	51.1	40.9	61.3	





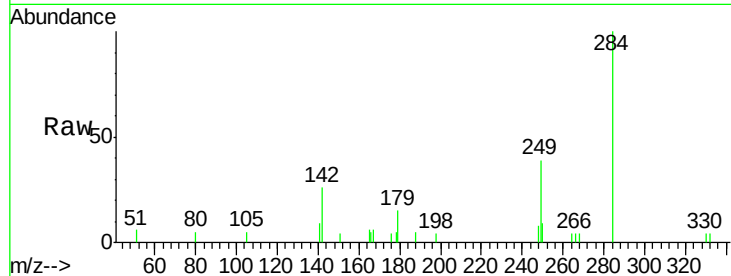
#21
Hexachlorobenzene
Concen: 0.336 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099806.D
Acq: 5 Jun 2019 16:08

Instrument :
BNA_E
ClientSampled :
PB120314BS

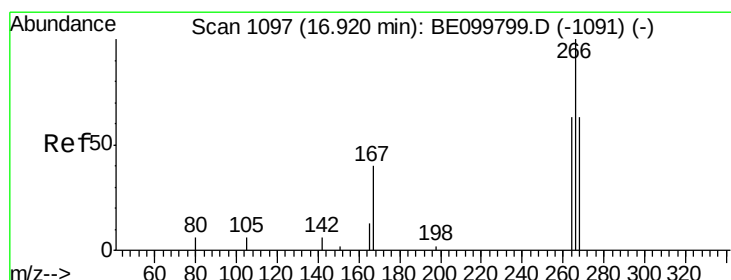
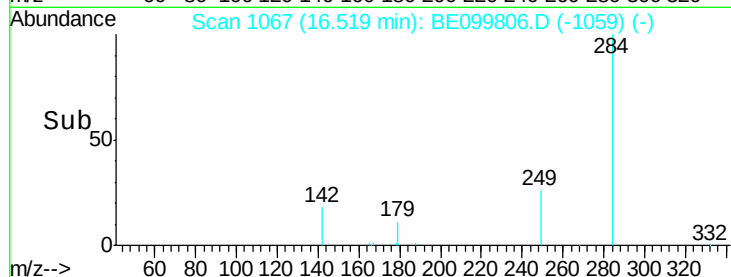
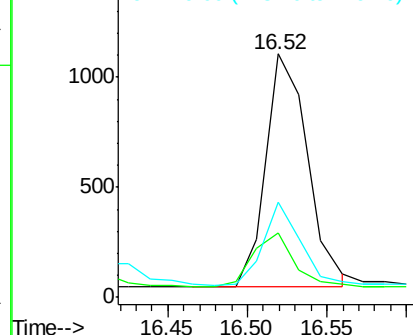
Tot Ion	Ratio	Lower	Upper
284	100		
142	22.7	16.2	24.4
249	30.4	23.1	34.7

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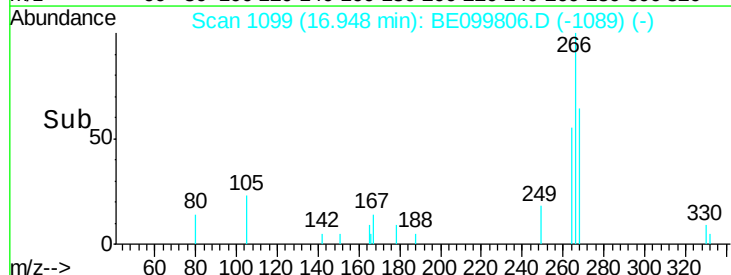
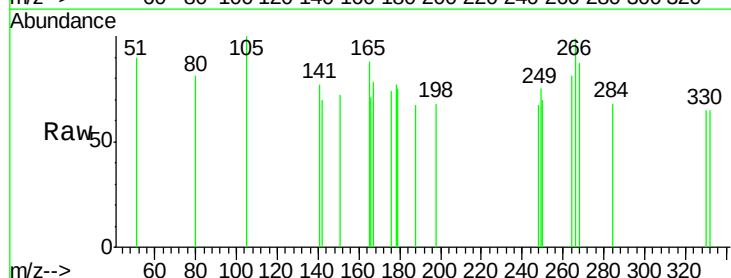
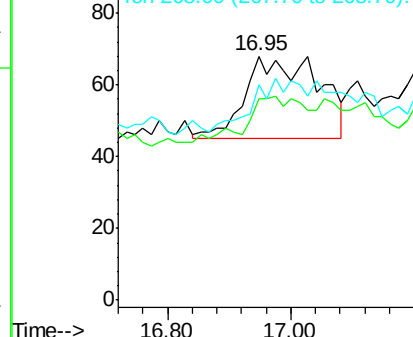
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

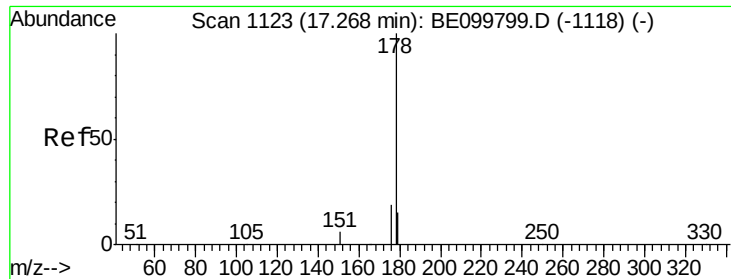


#22
Pentachlorophenol
Concen: 0.379 ng m
RT: 16.95 min Scan# 1099
Delta R.T. 0.03 min
Lab File: BE099806.D
Acq: 5 Jun 2019 16:08

Tgt Ion	Ratio	Lower	Upper
266	100		
264	82.4	64.9	97.3
268	88.2	64.0	96.0

Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





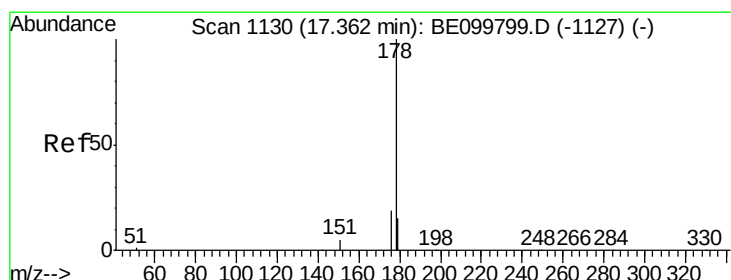
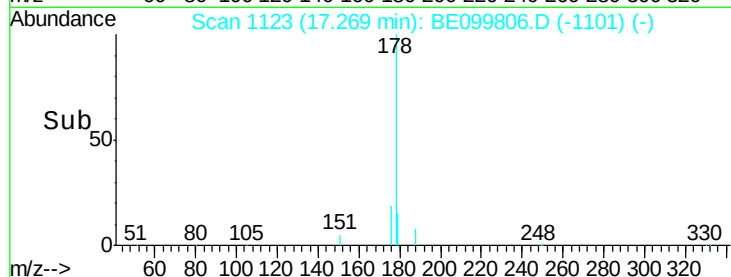
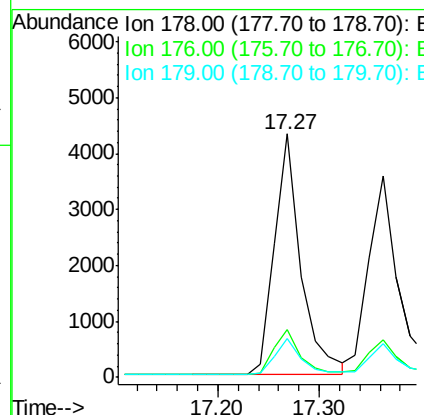
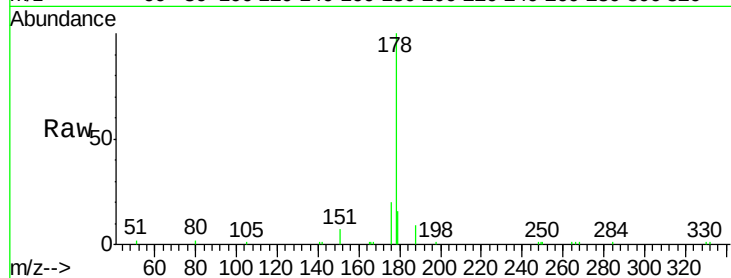
#23
Phenanthrene
Concen: 0.343 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099806.D
Acq: 5 Jun 2019 16:08

Instrument :
BNA_E
ClientSampleId :
PB120314BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.3	12.5	18.7

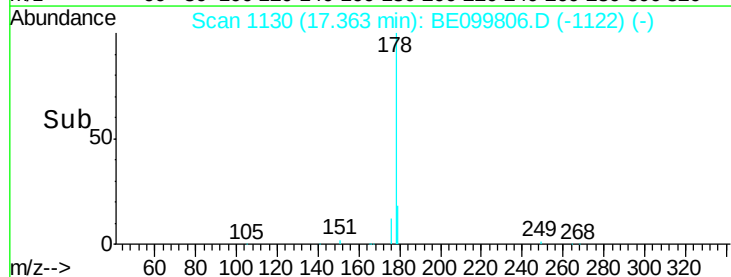
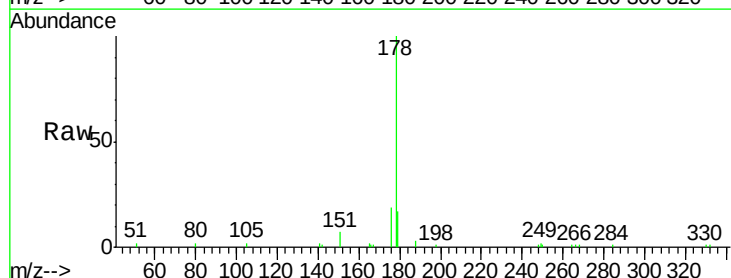
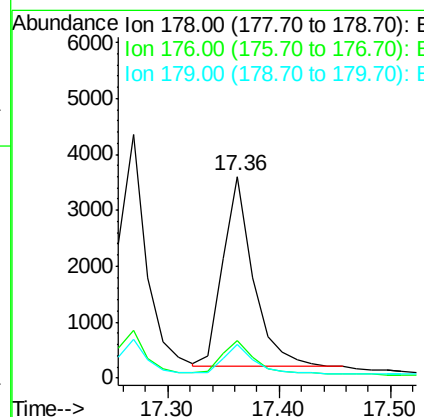
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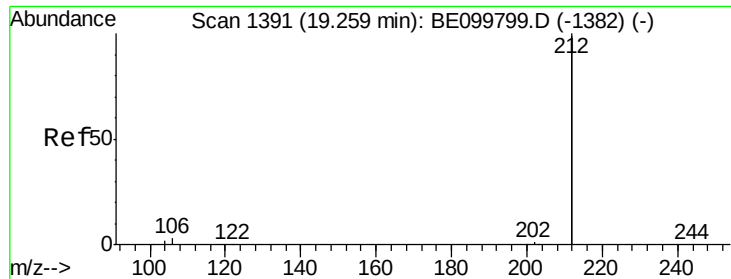
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#24
Anthracene
Concen: 0.317 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099806.D
Acq: 5 Jun 2019 16:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.1	22.7
179	15.7	12.1	18.1





#25

Fluoranthene-d10

Concen: 0.341 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

Instrument :

BNA_E

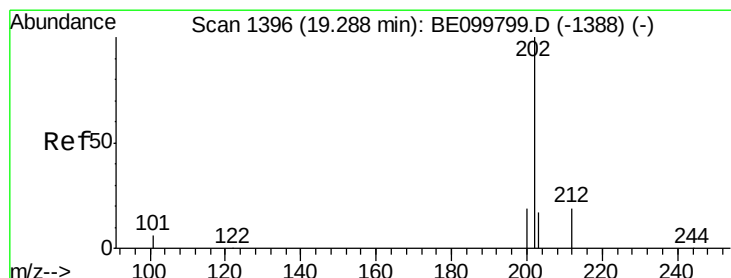
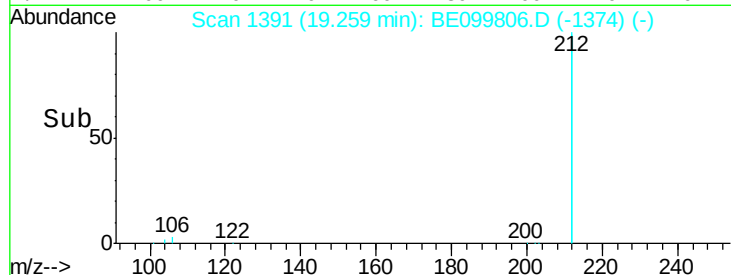
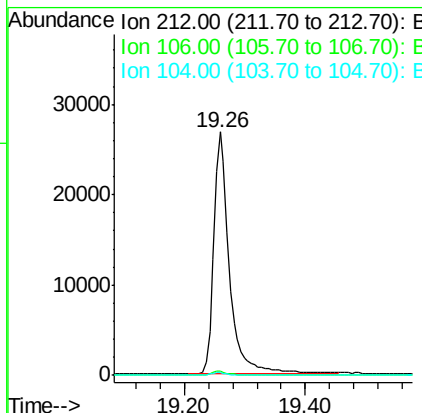
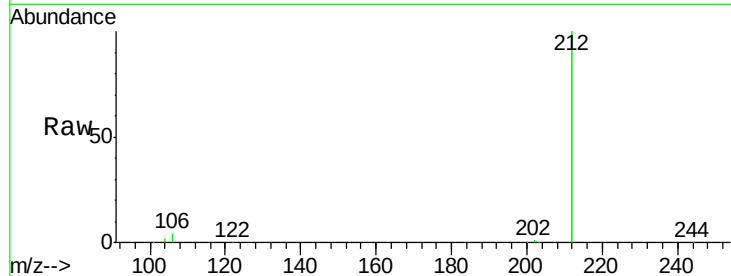
ClientSampleId :

PB120314BS

Tot Ion:	212	Resp:	48278
Ion Ratio	Lower	Upper	
212	100		
106	1.8	1.4	2.0
104	0.9	0.8	1.2

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#26

Fluoranthene

Concen: 0.360 ng

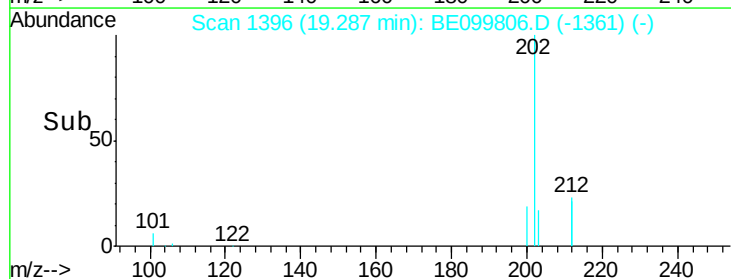
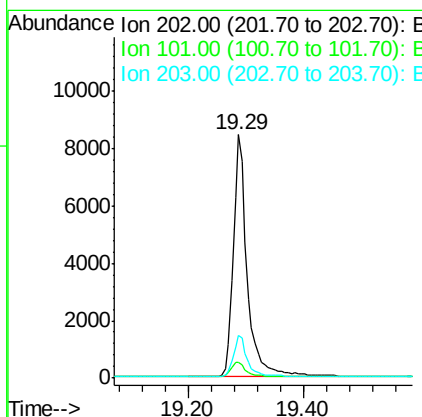
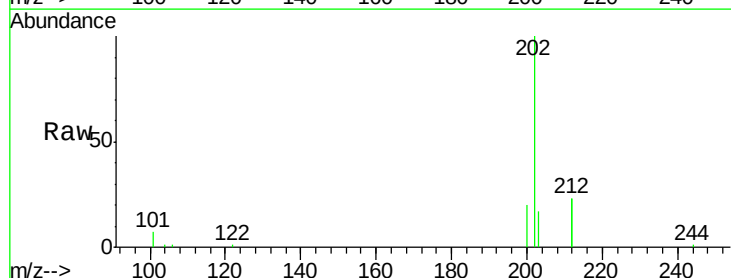
RT: 19.29 min Scan# 1396

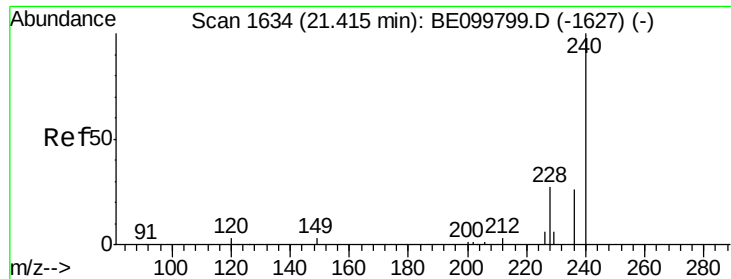
Delta R.T. -0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

Tgt Ion:	202	Resp:	14357
Ion Ratio	Lower	Upper	
202	100		
101	6.5	5.2	7.8
203	16.9	13.6	20.4





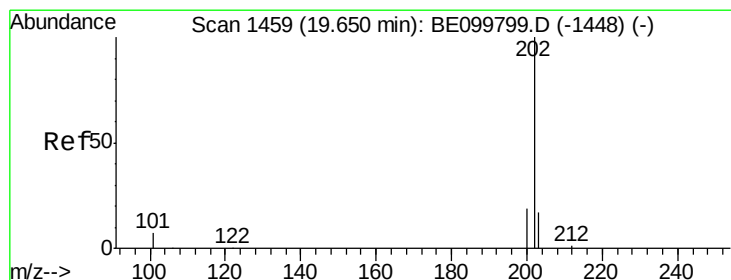
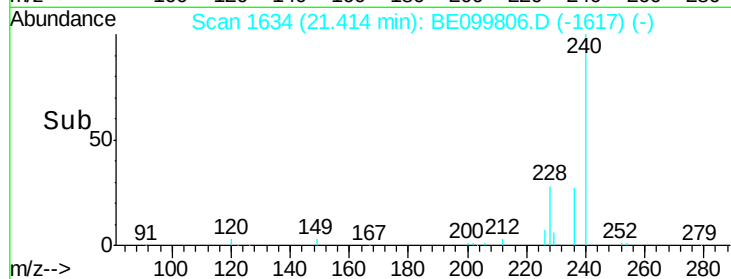
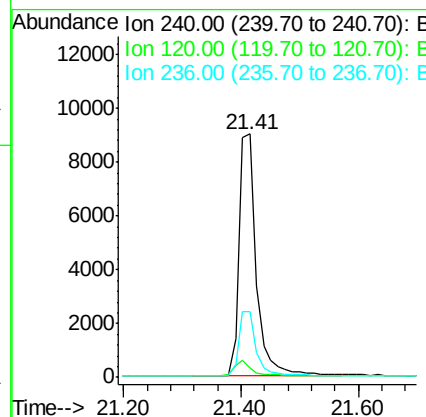
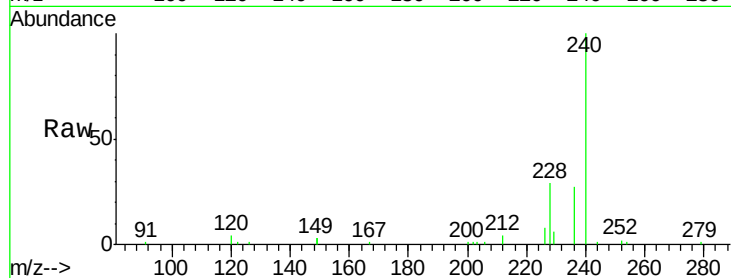
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099806.D
Acq: 5 Jun 2019 16:08

Instrument :
BNA_E
ClientSampleId :
PB120314BS

Tot Ion:240 Resp: 18692
Ion Ratio Lower Upper
240 100
120 3.6 2.8 4.2
236 26.9 20.9 31.3

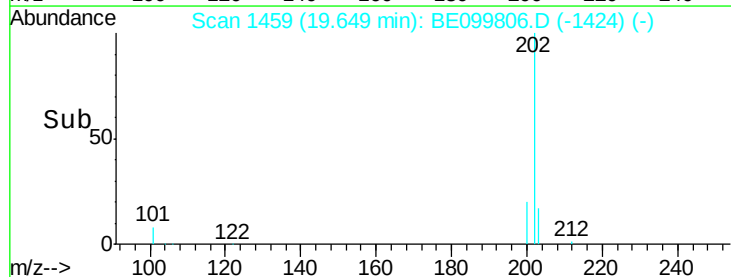
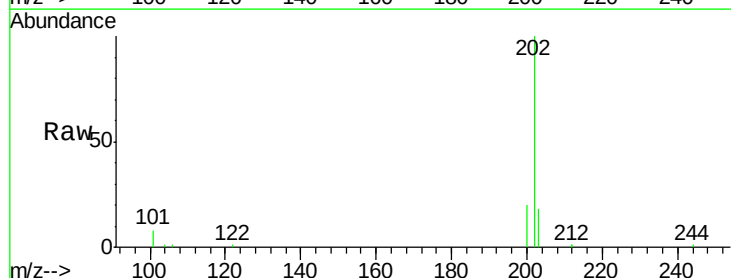
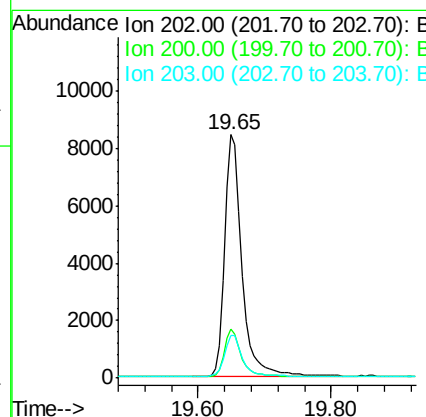
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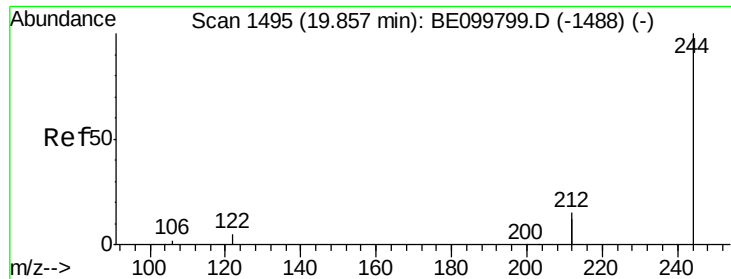
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#28
Pyrene
Concen: 0.334 ng
RT: 19.65 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BE099806.D
Acq: 5 Jun 2019 16:08

Tgt Ion:202 Resp: 15082
Ion Ratio Lower Upper
202 100
200 19.3 15.6 23.4
203 17.7 14.1 21.1





#29

Terphenyl-d14

Concen: 0.346 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

Instrument :

BNA_E

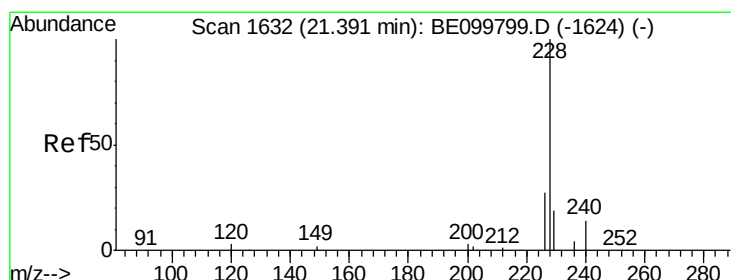
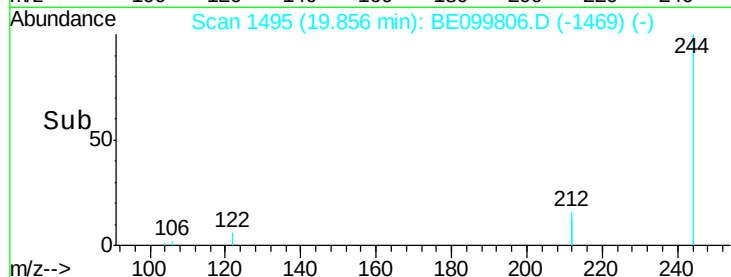
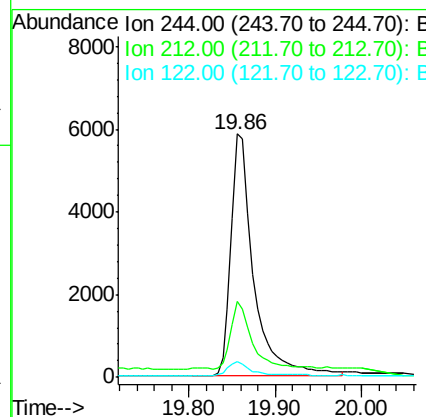
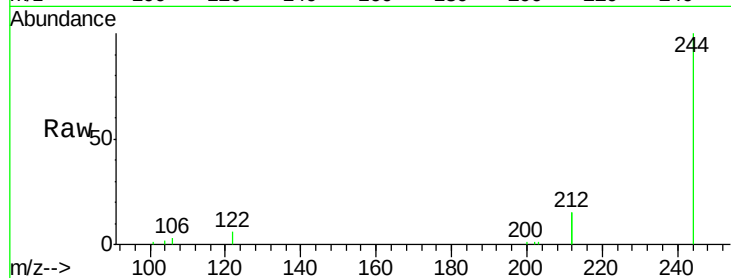
ClientSampleId :

PB120314BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	31.0	23.7	35.5
122	6.3	4.8	7.2

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#30

Benzo(a)anthracene

Concen: 0.411 ng

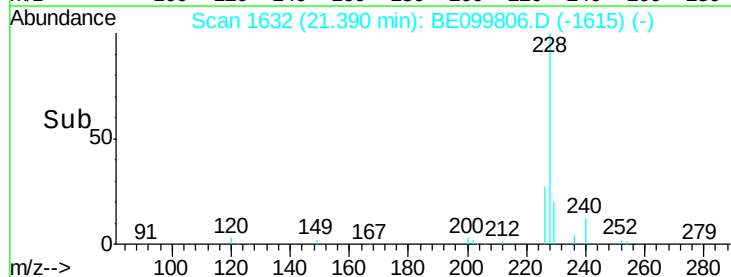
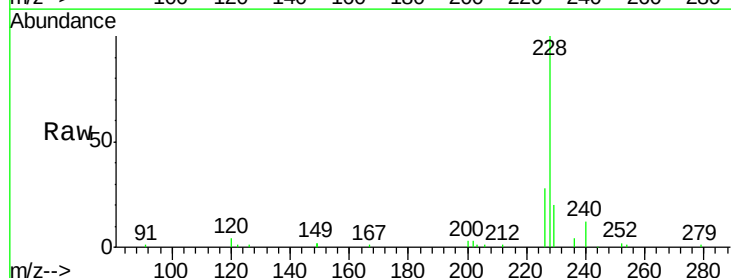
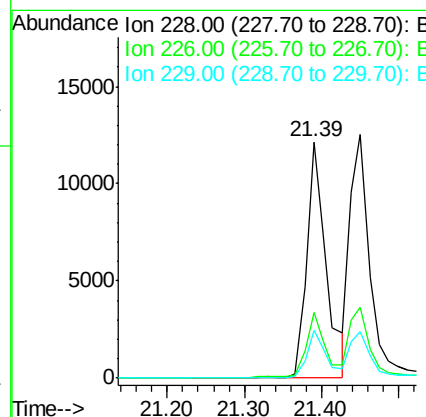
RT: 21.39 min Scan# 1632

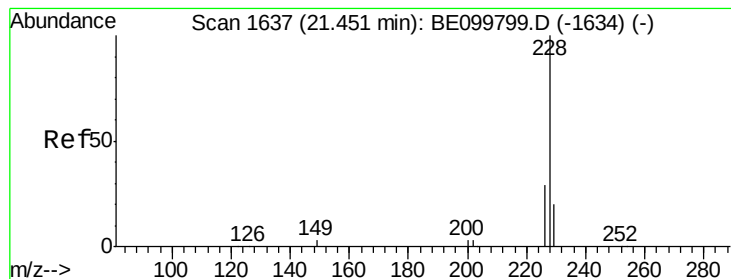
Delta R.T. -0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.6	32.4
229	20.1	15.8	23.6





#31

Chrysene

Concen: 0.372 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

Instrument :

BNA_E

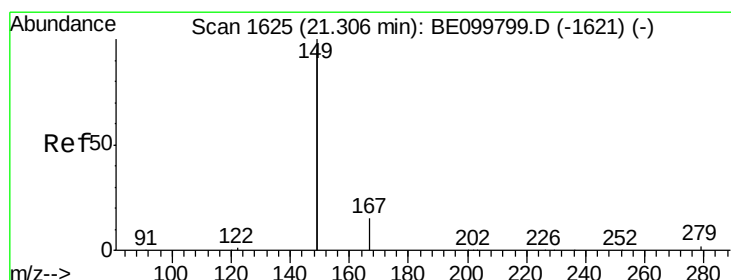
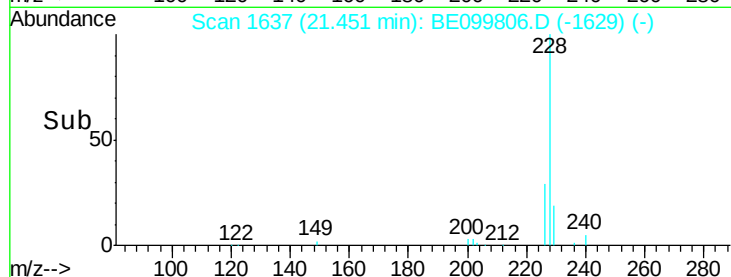
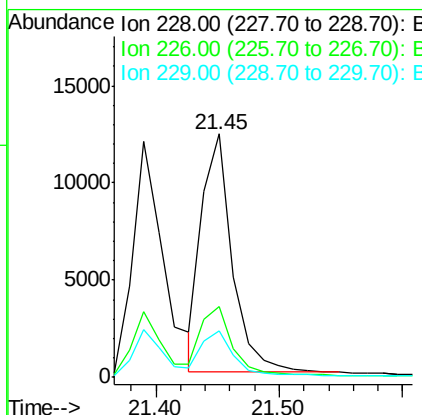
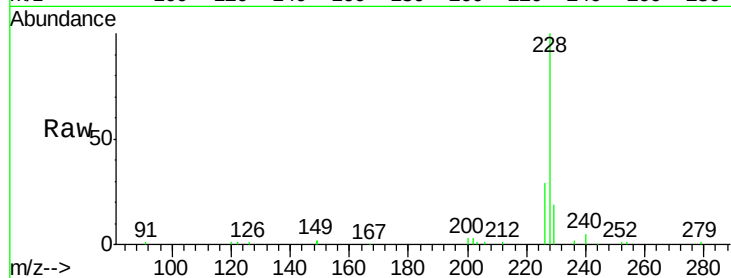
ClientSampleId :

PB120314BS

Tot Ion:	228	Resp:	21212
Ion Ratio	Lower	Upper	
228	100		
226	29.1	22.9	34.3
229	19.1	16.4	24.6

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.330 ng

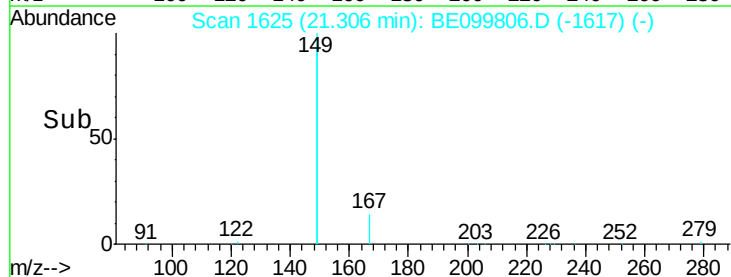
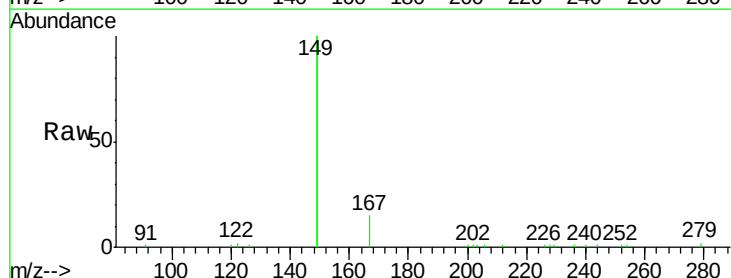
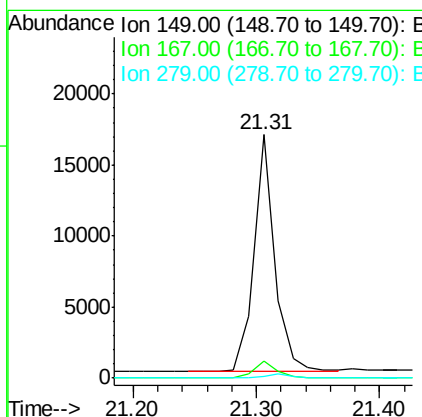
RT: 21.31 min Scan# 1625

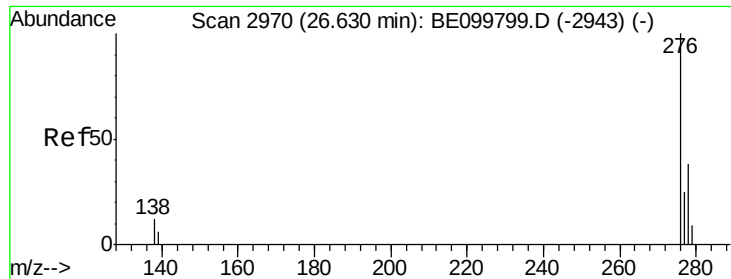
Delta R.T. -0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

Tgt Ion:	149	Resp:	19564
Ion Ratio	Lower	Upper	
149	100		
167	7.3	6.0	9.0
279	1.5	1.2	1.8





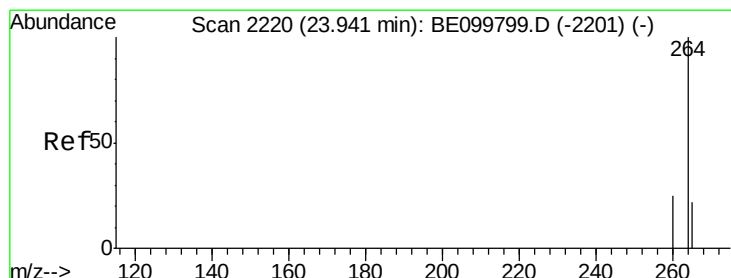
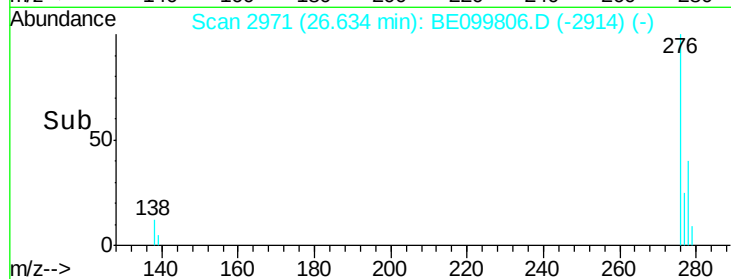
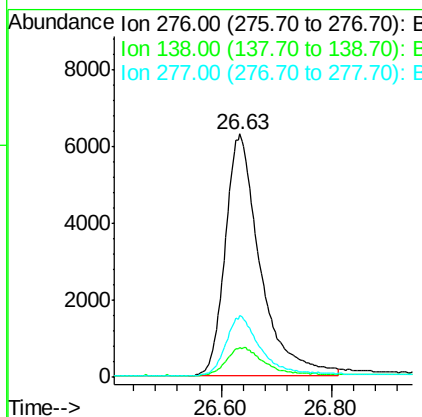
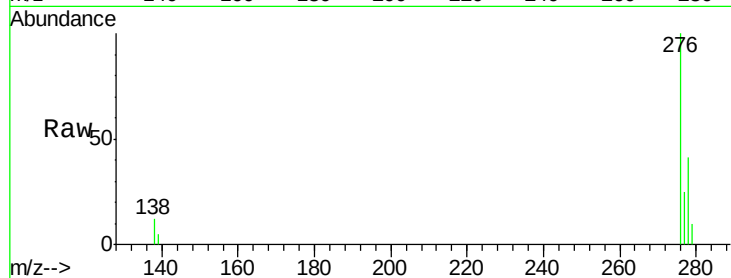
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.402 ng
RT: 26.63 min Scan# 2971
Delta R.T. 0.00 min
Lab File: BE099806.D
Acq: 5 Jun 2019 16:08

Instrument :
BNA_E
ClientSampleId :
PB120314BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100		27464		
138	12.3	10.3	15.5		
277	24.2	19.4	29.2		

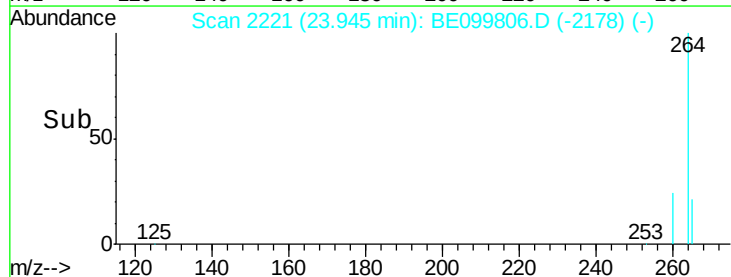
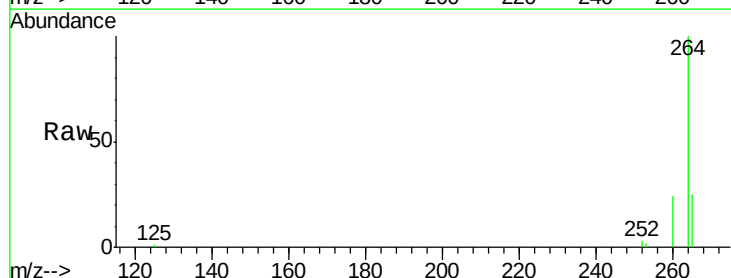
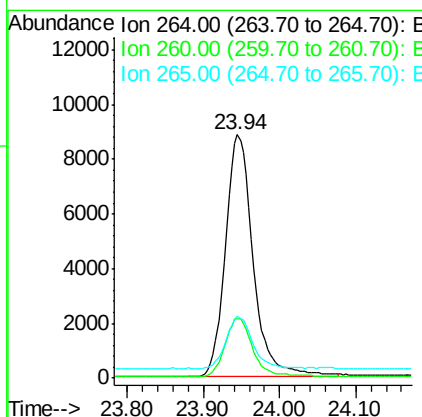
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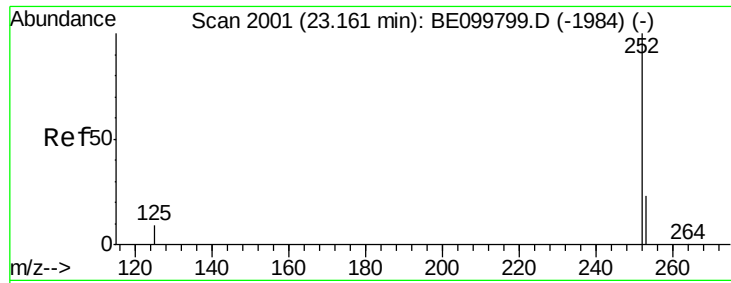
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BE099806.D
Acq: 5 Jun 2019 16:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100		22418		
260	24.4	20.0	30.0		
265	25.3	20.7	31.1		





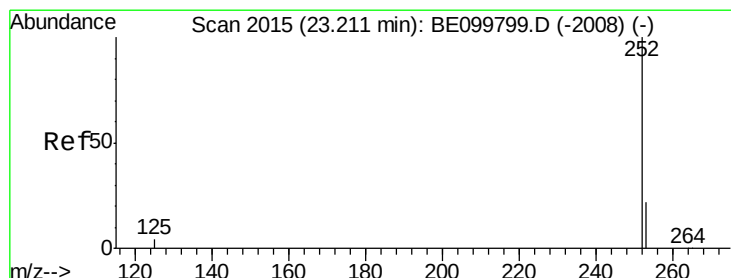
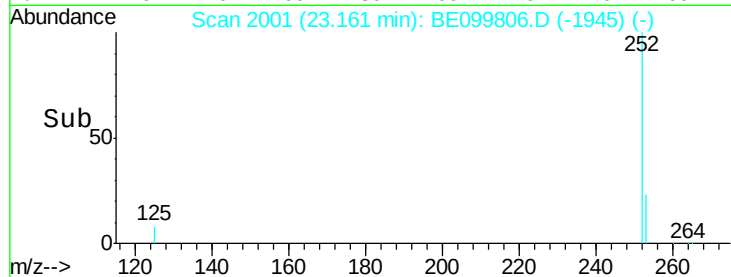
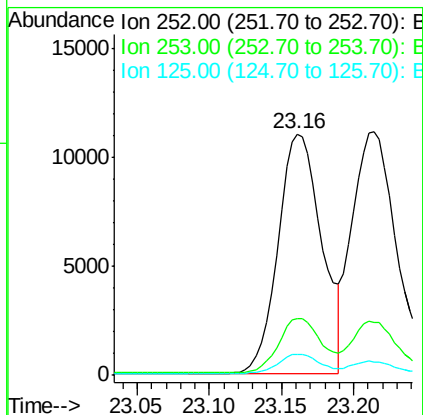
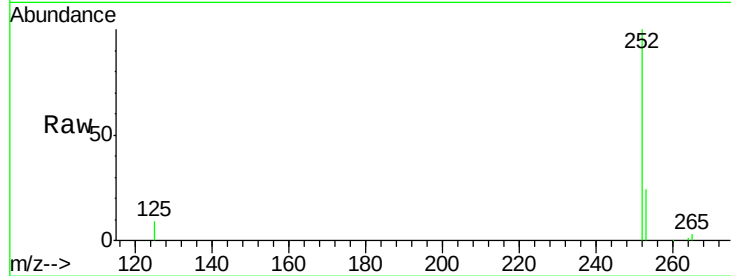
#35
Benzo(b)fluoranthene
Concen: 0.373 ng
RT: 23.16 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BE099806.D
Acq: 5 Jun 2019 16:08

Instrument :
BNA_E
ClientSampleId :
PB120314BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.9	28.3
125	8.9	7.6	11.4

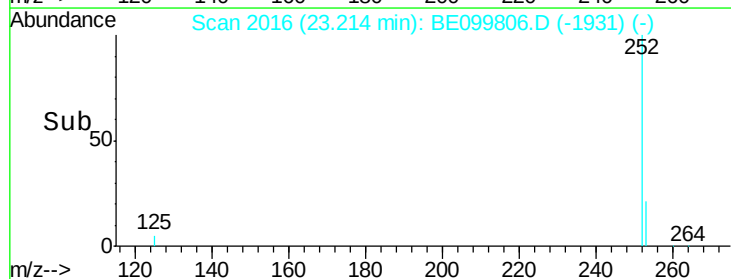
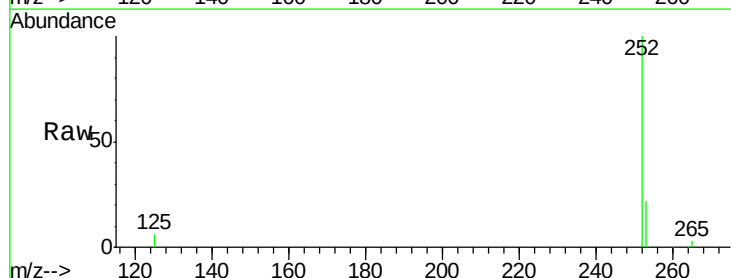
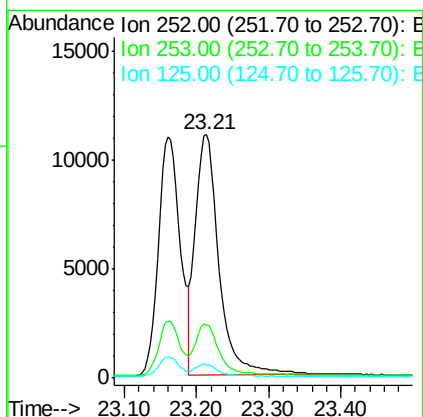
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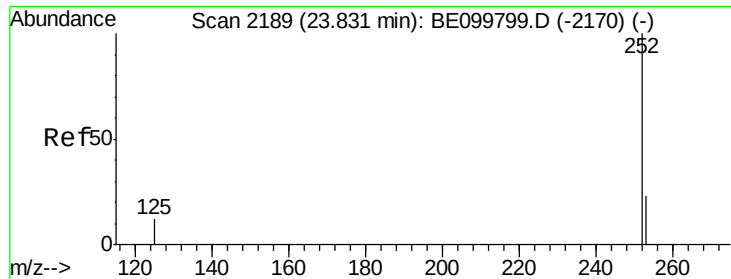
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#36
Benzo(k)fluoranthene
Concen: 0.386 ng
RT: 23.21 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BE099806.D
Acq: 5 Jun 2019 16:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	5.5	4.6	7.0





#37

Benzo(a)pyrene

Concen: 0.386 ng

RT: 23.83 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

Instrument :

BNA_E

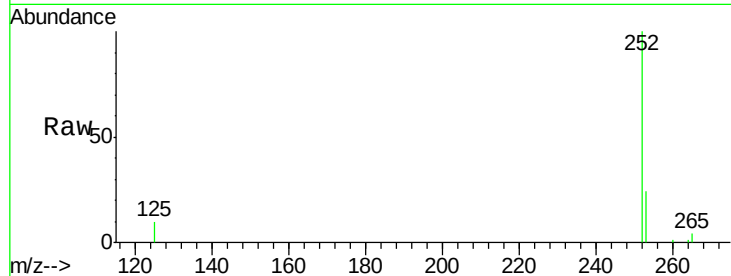
ClientSampleId :

PB120314BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.3	28.9
125	9.9	10.2	15.4

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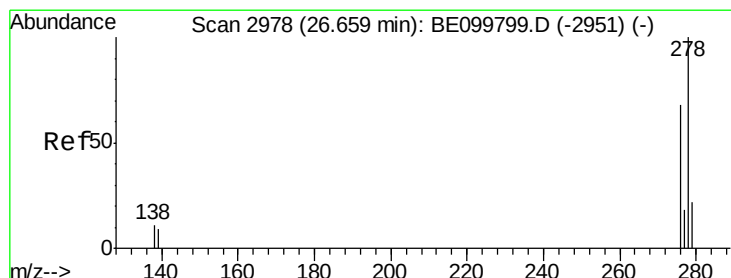
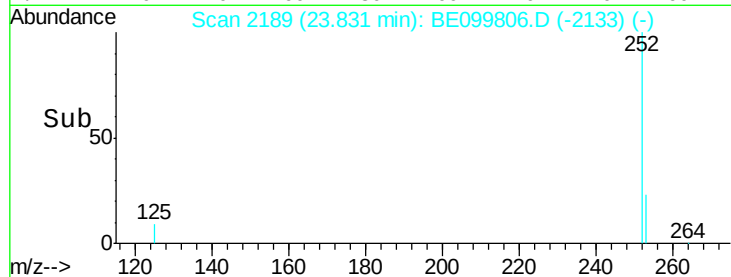
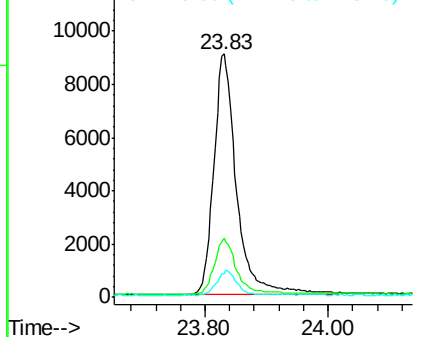


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.368 ng

RT: 26.66 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BE099806.D

Acq: 5 Jun 2019 16:08

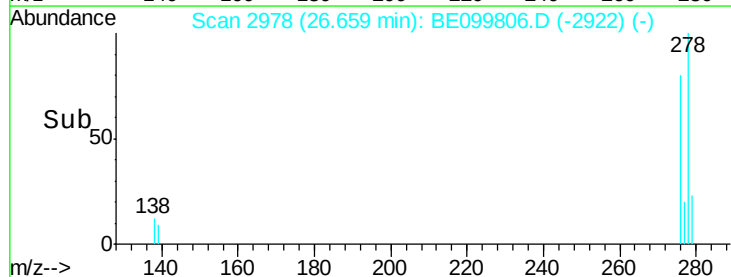
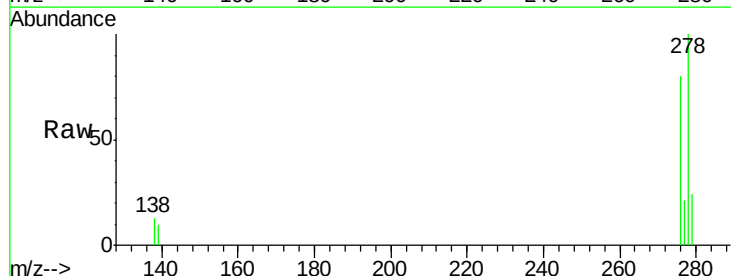
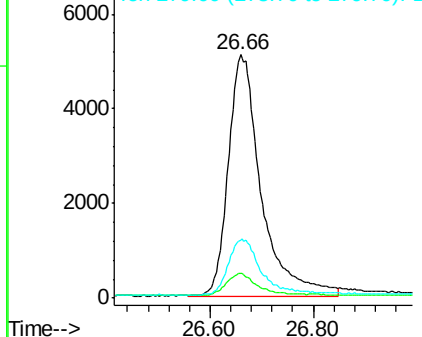
Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.0	7.9	11.9
279	24.0	18.5	27.7

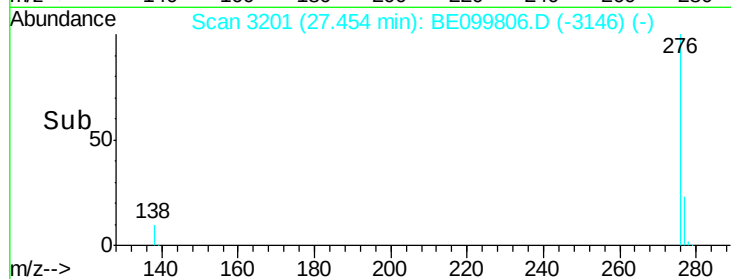
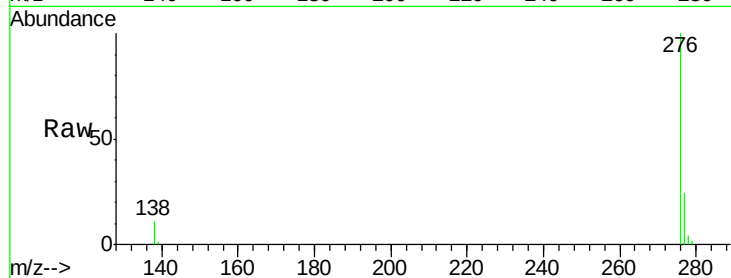
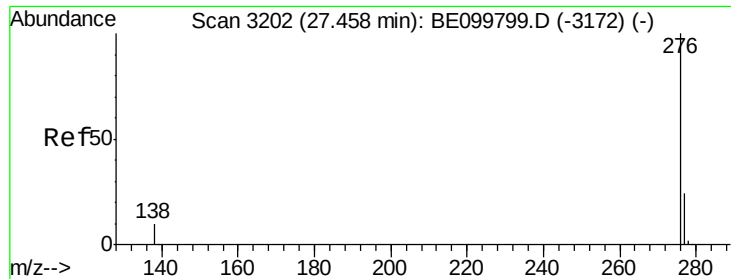
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39
 Benzo(a,h,i)perylene
 Concen: 0.369 ng
 RT: 27.45 min Scan# 3201
 Delta R.T. -0.00 min
 Lab File: BE099806.D
 Acq: 5 Jun 2019 16:08

Instrument :
 BNA_E
 ClientSampleId :
 PB120314BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.6	29.4
138	11.4	9.0	13.4

Manual Integrations
 APPROVED

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